

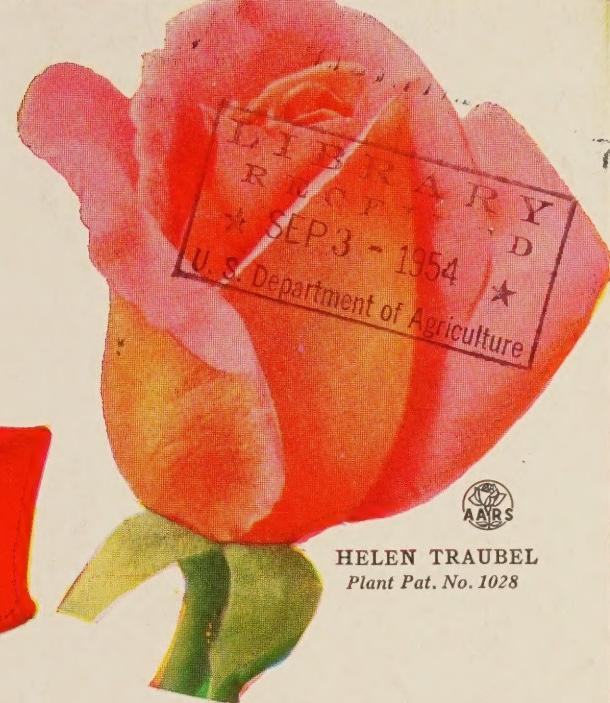
62.27 Index*

WHOLESALE PRICE LIST

FALL
1954



ROSE OF FREEDOM
Plant Pat. No. 791



HELEN TRAUBEL
Plant Pat. No. 1028



PEACE
Plant Pat. No. 591



MO JAVE
Plant Pat. No. 1176



One of America's Foremost Nurseries Since 1875



Mount Arbor Nurseries
• SHENANDOAH IOWA •

The Seal of Superior Quality and Service

Floribundas

A choice selection of the best patented and non-patented varieties.



FASHION Plant Pat. No. 789



©
WESTERN
GROWN
UNDER
IRRIGATION



GOLDILOCKS
Plant Pat. No. 672



RED PINOCCHIO
Plant Pat. No. 812



© PINOCCHIO Plant Pat. No. 484

Terms and Conditions of Sale

TERMS—These terms are offered to those with established credit. One percent discount if paid on or before tenth of following month from date of invoice, and is due net thereafter. Otherwise, cash, security, or satisfactory references.

C.O.D. orders must be accompanied by one-fourth cash.

Interest charged on past due accounts.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

ROSES, SHADE TREES, PERENNIALS, PEONIES AND LILIES:

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class (except Patented Varieties) allowed to make total. For example: All Roses except Patented Varieties are considered one class, etc.

FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.

FRUIT TREE SEEDLINGS:

Under 300 or same variety and grade at 100 rate.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rate

Note:—Classifications as given above are understood to be as listed under general headings in price list.

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. **ALL GOODS TRAVEL AT THE PURCHASER'S RISK AND EXPENSE.**

TRUCK SERVICE—We are able to offer service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINNESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

CLAIMS for any cause must be made promptly upon receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productivity or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.



AUGUST 18, 1954

MOUNT ARBOR NURSERIES

G. L. WELCH, PRES.

F. E. HARTMAN, SECY.

R. M. GWYNN, TREAS.

HEIGHT AND CALIPER — Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that THE CALIPER SHALL GOVERN.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
First Class, 11-16 to 7-8 inch, 4½ feet and up-----	\$ 7.50	\$ 70.00	\$650.00
" " 9-16 to 11-16, 4 feet and up-----	6.50	60.00	550.00
" " 7-16 to 9-16, 3 feet and up-----	5.50	50.00	450.00
" " 5-16 to 7-16, 2 feet and up-----	4.20	36.00	320.00

Anoka	Hibernal	Red June
Baldwin	Hyslop Crab	Red Van Buren
Beacon	Idared	Redwell
Chestnut Crab	Jonathan	Rome Beauty, Gallia Beauty
Cortland	Jonathan Dark Red	Rome Beauty Red
Delicious Dark Red	Lodi	Rome Beauty Ruby Red
Delicious Yellow	Macoun	Secor
Dolgo Crab	Maiden Blush	Staymans Red
Duchess	McIntosh	Staymans Winesap
Duchess Red	McIntosh Black Mickey	Tolman Sweet
Early Harvest	McIntosh Early	Turley
Fameuse	Melba	Victory
Fireside	Minjon	Virginia Crab
Golden Russett	Northern Spy	Wealthy
Gravenstein Red	Northern Spy Red	Whitney Crab
Grimes Golden	N. W. Greening	Winesap
Haralson	Prairie Spy	Winesap Crimson
Hawkeye Greening	Red Astrachan	Yellow Transparent
		York Imperial Red

APPLE — WHIPS

Washington Grown — Available for Spring Only

These Northern Grown Apple Whips are sturdy trees, graded not only by height but also by Caliper.

	Per 10	Per 100	Per 1000
One Year, 4 to 5 feet, Whips-----	\$ 5.50	\$ 50.00	\$ -----
" " 3 to 4 feet, "	4.50	40.00	-----
" " 2 to 3 feet, "	3.50	30.00	-----
Delicious Dark Red	Jonathan Dark Red	Rome Beauty Red	
Delicious Yellow	McIntosh Red	Yellow Transparent	

MULTIPLE APPLE

Shenandoah Grown

We offer the following combination Apple, all Shenandoah Grown Trees. They were dormant budded Summer 1953 on the side limbs on 2 year trees so buds have one full year's growth.

	Per 10	Per 100	Per 1000
Quintuplet, Three Yrs. 9-16 and up, 5 ft. & up-----	\$16.50	\$150.00	\$ -----
Quadruplet, " -----	12.00	110.00	-----
Triplet, " -----	8.50	80.00	-----

COMBINATION NO. 1
On Red Delicious
Red Jonathan
Wealthy
Winesap Crimson
Yellow Delicious
Yellow Transparent

COMBINATION NO. 2
On Haralson
Red Delicious
Wealthy
Winesap Crimson
Yellow Delicious
Yellow Transparent

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

	Per 10	Per 100	Per 1000
Two Years, 11-16 and up, 4½ feet and up-----	\$12.00	\$110.00	\$ -----
" " 9-16 to 11-16, 4 feet and up-----	10.00	75.00	-----
" " 7-16 to 9-16, 3 feet and up-----	8.00	60.00	-----

CHERRIES — Sour — On Mahaleb

		Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up		\$11.00	\$100.00	\$900.00
" " 9-16 to 11-16, 3½ feet and up		9.00	85.00	800.00
" " 7-16 to 9-16, 3 feet and up		7.50	70.00	650.00

Early Richmond	English Morello	Montmorency	Royal Duke	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up				\$11.00	\$100.00	\$900.00
" " 9-16 to 11-16, 3 feet and up				9.00	85.00	800.00
" " 7-16 to 9-16, 2½ feet and up				7.50	70.00	650.00
" " 5-16 to 7-16, 2 feet and up				5.50	50.00	450.00

Early Richmond English Morello Montmorency Royal Duke

DWARF SOUR CHERRIES
NEW INTRODUCTIONS

METEOR (Minn. No. 66) — Cross of Montmorency x Shubianca seedling. Tree strong vigorous upright grower, large leaves resistant to leaf spot. Fruit very large. Color clear light red, skin thin. Stone small and free.

NORTH STAR (Minn. No. 58) — Cross of Serbian pie cherry x English Morello. Relatively small tree. Fruit dark red at maturity, skin medium tender, flesh juicy. Stone small and free.

	Per 10	Per 100
11/16 and up, 3½ feet and up	\$14.00	\$125.00
9/16 to 11/16, 3 feet and up	11.00	100.00
7/16 to 9/16, 2½ feet and up	8.50	80.00

CHERRIES — Sweet

Per 10 Per 100 Per 1000

One Year on Mahaleb

11-16 and up, 4½ feet and up, mostly branched	\$14.00	\$125.00	\$1100.00
9-16 to 11-16, 4 feet and up, mostly branched	11.00	100.00	900.00
7-16 to 9-16, 3 feet and up, branched and whips	8.50	80.00	750.00
5-16 to 7-16, 2½ feet and up, mostly whips	6.00	55.00	500.00

*Bing

Black Tartarian

Kansas Sweet

*Varieties Available Spring Only.

*Lambert

*Napoleon

Schmidt's Big

*Van

*Windsor

Yellow Glass

HANSEN'S BUSH CHERRY

Per 10 Per 100 Per 1000

Improved besseyi, 3 to 4 feet, transplants	\$ 4.00	\$ 35.00	\$ -----
" " 2 to 3 feet,	2.90	25.00	220.00
" " 18 to 24 inches,	2.40	20.00	180.00
" " 12 to 18 inches,	1.70	14.00	-----

NANKING CHERRY**(PRUNUS TOMENTOSA)**

Improved varieties producing an abundance of bloom. Heavy bearer. Flesh of fruit is meaty, juicy, sub acid flavor. Excellent for eating fresh or for jam and jelly.

Per 10 Per 100 Per 1000

3 to 4 feet	\$11.00	\$100.00	\$ -----
2 to 3 feet	8.00	75.00	-----
18 to 24 inches	6.50	60.00	-----
Nanking No. 21			
Nanking No. 41			
Nanking No. 63 — Orient Cherry (Self Fertile)			

PEAR — Standard

		Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up		\$ 8.50	\$ 80.00	\$ 750.00
" " " 9-16 to 11-16, 4 feet and up		7.50	70.00	650.00
" " " 7-16 to 9-16, 3 feet and up		6.00	55.00	500.00
" " " 5-16 to 7-16, 2 feet and up		4.00	35.00	—
" " " 7-8 inch and up, 5 feet and up		10.00	90.00	—

↳ Bantam
 ↳ Barlett
 ↳ B. de Anjou
 ↳ Beurre Bosc
 ↳ Bierschmidt
 ↳ Clapp's Favorite

↳ Douglass
 ↳ Duchess
 ↳ Flemish Beauty
 ↳ Garber
 ↳ Gorham

↳ Kieffer
 ↳ Lincoln
 ↳ Mendel
 ↳ Parker
 ↳ Patten
 ↳ Seckel

MAX-RED BARTLETT

Plant Patent No. 741

A new sport of Bartlett Pear that originated in the Northwest. The fruit carries a good all-over red color, keeps longer and ripens in regular Bartlett season. High quality.

		Per 10	Per 100
One and Two Years, 11-16 and up, Branched, 4½ feet and up		\$ 10.00	\$ 90.00
" " " 9-16 to 11-16, Branched, 4 feet and up		8.50	80.00
" " " 7-16 to 9-16, Branched, 3 feet and up		7.50	70.00
" " " 5-16 to 7-16, Mostly Branched, 2 feet and up		6.50	60.00

PEAR — Dwarf

Available Spring Only

		Per 10	Per 100	Per 1000
Two Years, 11-16 inch and up		\$ 14.00	\$ 125.00	\$ —
" " 9-16 to 11-16 inch		10.00	90.00	—
" " 7-16 to 9-16 inch		7.50	70.00	—
Bartlett	Duchess	Kieffer	Seckel	

PEAR — Dwarf
MAX-RED BARTLETT

Dwarf type of the patent variety described above.

		Per 10	Per 100
Two Years, 11-16 inch and up		\$ 15.00	\$ 135.00
" " 9-16 to 11-16		11.00	100.00
" " 7-16 to 9-16		8.00	75.00

QUINCE

Available Spring Only

		Per 10	Per 100	Per 1000
Two Years, 11-16 inch and up		\$ 11.00	\$ 100.00	\$ —
" " 9-16 to 11-16 inch		8.50	80.00	—
" " 7-16 to 9-16 inch		6.50	60.00	—

↳ Orange

PLUM

		Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up		\$ 9.00	\$ 85.00	\$ —
" " " 9-16 to 11-16, 4 feet and up		8.00	75.00	—
" " " 7-16 to 9-16, 3 feet and up		6.50	60.00	—
" " " 5-16 to 7-16, 2 feet and up		4.50	40.00	—

EUROPEAN, One and Two Years, on Myrobalan, all branched.

↳ Blue Damson	↳ Lombard	↳ Shrop Damson
↳ Green Gage	↳ Mt. Royal	↳ Stanley Prune
↳ Italian Prune	↳ Reine Claude	↳ Yellow Egg
↳ Burbank		

Above varieties available spring only.

PLUM

Per 10	Per 100	Per 1000
\$ 9.00	\$ 85.00	\$ -----
8.00	75.00	-----
6.50	60.00	-----
4.50	40.00	-----

One Year, 11-16 and up, 4½ feet and up	-----
" " 9-16 to 11-16, 4 feet and up	-----
" " 7-16 to 9-16, 3 feet and up	-----
" " 5-16 to 7-16, 2 feet and up	-----

AMERICAN and HARDY HYBRIDS, One Year, on Native Roots, branched.

Compass
Ember
Goldenrod
Kahinta
LaCrescent
Monitor

Oka
Opata
Pipestone
Red Coat
Red Wing

Sapa
Superior
Toka
Underwood
Waneta

PEACH

Per 10	Per 100	Per 1000
\$ 7.50	\$ 70.00	\$ -----
6.50	60.00	550.00
5.00	45.00	400.00
3.80	33.00	300.00

Belle of Georgia
Champion
Early Alberta
Elberta
Fairhaven
Golden Jubilee

Hale Haven
Heath Cling
J. H. Hale
Mikado
Polly
Red Haven

Rochester
Shippers Late Red
South Haven
Valian
Vedette
Veteran

NECTARINE

Per 10	Per 100	Per 1000
\$11.00	\$100.00	\$ -----
9.00	85.00	-----
7.00	65.00	-----
5.00	45.00	-----

Quetta

APRICOTS

Per 10	Per 100	Per 1000
\$11.00	\$100.00	\$ -----
9.00	85.00	-----
7.00	65.00	-----
5.00	45.00	-----

Chinese
Manchu

Moorpark
Perfection

Scout
Superb
Tilton

MULBERRY

Per 10	Per 100	Per 1000
\$ 8.00	\$ 75.00	\$ -----
6.50	60.00	-----
5.00	45.00	-----
4.00	35.00	-----

SMALL FRUITS**GRAPE VINES—Western New York Grown**

Tied, 2 yr., 50; No. 2, 100 per bundle.

Per 100 Per 1000

Agawam (Roger's 15) large, red, 2 years, No. 1	\$18.00	\$150.00
" " 2 years, No. 2	14.00	120.00
Beta, black, 2 years, No. 1	18.00	150.00
" " 2 years, No. 2	14.00	120.00
Brighton, dark red, 2 years, No. 1	22.00	-----
Caco, red, 2 years, No. 1	22.00	-----
" " 2 years, No. 2	18.00	-----
Concord, black, 2 years, No. 1	14.00	120.00
" " 2 years, No. 2	10.00	90.00
Delaware, red, 2 years, No. 1	22.00	-----
Fredonia, early, black, valuable, 2 years, No. 1	18.00	150.00
" " " " 2 years, No. 2	14.00	120.00
Moore's Early, black, 2 years, No. 1	18.00	160.00
" " " " 2 years, No. 2	15.00	130.00
Niagara, white, 2 years, No. 1	18.00	150.00
" " 2 years, No. 2	14.00	120.00
Ontario, green, 2 years, No. 1	22.00	200.00
Portland, green, 2 years, No. 1	22.00	200.00
" " 2 years, No. 2	18.00	160.00
Sheridan, black, 2 years, No. 1	22.00	-----

SMALL FRUITS—Continued**GOOSEBERRIES**

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
Carrie , dark red, 2 years, No. 1		\$30.00	\$ -----
" " 2 years, No. 2		25.00	-----
Champion , green, 2 years, No. 1		30.00	270.00
" " 2 years, No. 2		25.00	220.00
Downing , pale-green, 2 years, No. 1		30.00	270.00
" " 2 years, No. 2		25.00	220.00
Houghton , dark-red, 2 years, No. 1		25.00	220.00
" " 2 years, No. 2		20.00	180.00
Pixwell , dark-red, 2 years, No. 1		35.00	-----
" " 2 years, No. 2		25.00	-----

CURRENTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
Cherry , dark red, 2 years, No. 1		\$16.00	\$140.00
" " 2 years, No. 2		12.00	100.00
Perfection , bright-red, 2 years, No. 1		18.00	160.00
" " 2 years, No. 2		14.00	120.00
Red Lake , light red, 2 years, No. 1		18.00	160.00
" " 2 years, No. 2		14.00	120.00
Wilder , dark red, 2 years, No. 1		16.00	140.00
" " 2 years, No. 2		12.00	100.00

RASPBERRIES

Tied 25 per bundle

		Per 100	Per 1000
Bristol , black tips		\$ 7.50	\$ 65.00
Cumberland , black tips		6.50	60.00
Indian Summer , red, everbearing, suckers, No. 1		9.00	85.00
Latham , red, suckers, No. 1		8.00	75.00
Logan , black tips		6.50	60.00
Morrison , black tips		7.50	65.00
Sodus , purple tips		8.00	70.00

BLACK HAWK (AMES No. 20)

Introductory offer for spring 1955 through the co-operation of the research committee of the Iowa Nurseryman's Assn. and Iowa State College. Seedling cross of Quillen x Black Pearl.

Plant vigorous and hardy. Heavy foliage. Fruit - Midseason, large, glossy black, firm, picks easily, and does not crumble. Quality very good.

	Per 100	Per 1000
No. 1 tips	\$20.00	\$175.00

NEW INTRODUCTIONS

New red Everbearing varieties. Healthy, hardy, vigorous growers and heavy producers. The canes grow 3 to 3½ feet tall, upright, ideal for picking.

	Per 100	Per 1000
Durham , red No. 1 Suckers	\$16.00	\$140.00
September , red No. 1 Suckers	16.00	140.00

BLACKBERRIES — Root Cutting Plants, No. 1

Tied 25 per bundle

	Per 100	Per 1000		Per 100	Per 1000
Alfred	\$ 5.60	\$ 50.00		\$ 5.60	\$ 50.00

SMALL FRUITS—Continued**MISCELLANEOUS BERRIES**

Tied 25 per bundle

		Per 100	Per 1000
Boysenberries, tip plants, No. 1		\$ 6.50	\$ 60.00
Boysenberry, Thornless, tip plants, No. 1		7.00	65.00
Lucretia Dewberries, tips, No. 1		5.00	45.00

MISCELLANEOUS

		Per 100	Per 1000
Asparagus, Mary Washington, 2 year		\$ 2.50	\$ 22.00
" " " 1 year		1.80	15.00
" " " 3 year		3.70	32.00
Paradise, 2 year		2.50	22.00
" " 1 year		1.80	15.00
" " 3 year		3.70	32.00
Horseradish, Cuttings		3.50	30.00
" Crowns		6.50	60.00
Rhubarb, Victoria, whole roots, 1/2 to 5/8 inch		4.00	35.00
" " " 5/8 to 1 inch		5.00	45.00
" " " 1 to 1½ inch		6.50	60.00
" " " 1 1/2 inch and up		8.50	80.00

	Per 10	Per 100
Rhubarb, Chipman's Red, grown from divisions	\$ 4.50	\$ 40.00
Rhubarb, Ruby Red, grown from divisions	3.20	28.00

FRUIT TREE STOCKS

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding.

PRICES—Are for shipment from Shenandoah by early January, or can ship direct from our Zillah, Washington plant.

APPLE SEEDLINGS—Washington Grown

Per 100 Per 1000

Our Washington Grown Apple Seedlings are making a splendid growth and will be of excellent quality. They will be dug when well ripened, carefully graded, and will please.

1/4-inch and up, Branched, Heavy	\$ 4.00	\$ 35.00
No. 1, 3/16 to 1/4 inch, Branched, strong	3.80	33.00
No. 1, 3/16 inch and up, Straight, strong	4.00	35.00
No. 2, 2/16 to 3/16 inch, Branched, strong	2.90	25.00
No. 2, 2/16 to 3/16 inch, Straight, strong	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

MAHALEB SEEDLINGS—Washington Grown

1/4 inch and up	4.00	35.00
No. 1, 3/16 to 1/4 inch	3.80	33.00
No. 2, 2/16 to 3/16 inch	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

MAZZARD SEEDLINGS—Washington Grown

1/4 inch and up	4.00	35.00
No. 1, 3/16 to 1/4 inch	3.80	33.00
No. 2, 2/16 to 3/16 inch	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

FRUIT TREE STOCKS—Continued**PEAR SEEDLINGS—Washington Grown****BARTLETT**

	Per 100	Per 1000
1/4 inch and up, Branched, heavy	\$ 4.00	\$ 35.00
1/4 inch and up, straight, heavy	4.00	35.00
No. 1, 3/16 to 1/4 inch, Branched	3.80	33.00
No. 1, 3/16 to 1/4 inch, Straight	3.80	33.00
No. 2, 2/16 to 3/16 inch, Branched	2.90	25.00
No. 2, 2/16 to 3/16, Straight	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

CALLERYANA—Washington Grown

1/4-inch and up, Branched	5.00	45.00
No. 1, 3/16 to 1/4 inch, Branched	4.80	43.00
No. 1, 3/16 and up, Straight	4.80	43.00
No. 2, 2/16 to 3/16 inch, Branched	4.00	35.00
No. 2, 2/16 to 3/16 inch, Straight	4.00	35.00

PLUM MYROBOLAN—Washington Grown

1/4 inch and up	4.00	35.00
No. 1, 3/16 to 1/4 inch	3.80	33.00
No. 2, 2/16 to 3/16 inch	2.90	25.00
No. 3, about 2/16 inch	2.10	18.00

PLUM NATIVE—Shenandoah Grown

1/4 inch and up	4.50	40.00
No. 1, 3/16 to 1/4 inch	4.00	35.00
No. 2, 2/16 to 3/16 inch	2.90	25.00

QUINCE ROOTED CUTTINGS—Western Grown

1/4 inch and up	6.00	53.00
No. 1, 3/16 to 1/4 inch	5.60	50.00
No. 2, 2/16 to 3/16 inch	5.00	45.00

If interested in quantity lots of Fruit Tree Seedlings, write for special prices.

ROSE STOCKS**Multiflora Japonica**

Per 100 Per 1000

We offer the following Thorny Multiflora Japonica Seedlings for spring shipment only. These seedlings are grown from seed collected from types adapted for hardiness and hedge fences.

1/4-inch and up	\$ 5.00	\$ 45.00
No. 1, 3-16 to 1-4 inch	4.50	40.00
No. 2, 2-16 to 3-16 inch	3.20	28.00
No. 3, about 2-16 inch	2.40	20.00

PEACH PITS, California Lovells, F.O.B. Shenandoah, Iowa.

1954 crop, averaging 4300 pits per 50-lb. bu.	\$3.50 per bu.
10 Bu. or more	3.25 "



DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

ASH, GREEN, *Fraxinus lanceolata*

	Per 100	Per 1000
6 to 12 inches	\$ 1.20	\$ 10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
3 to 4 feet	5.60	50.00
4 to 5 feet	8.50	75.00

ASH, WHITE, *Fraxinus americana*

6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00

BOX ELDER, *Acer negundo*

6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
3 to 4 feet	5.60	50.00
4 to 5 feet	8.50	75.00

BUCKTHORN CATHARTICA, *Rhamnus cathartica*

12 to 18 inches	4.50	40.00
18 to 24 inches	5.60	50.00

CARAGANA arborescens. Siberian Pea-Tree

6 to 12 inches	2.10	18.00
12 to 18 inches	3.50	30.00
18 to 24 inches	4.50	40.00
2 to 3 feet	6.00	55.00
3 to 4 feet	9.00	80.00

CATALPA speciosa, Western Catalpa

6 to 12 inches	1.20	10.00
12 to 18 inches	1.80	15.00
18 to 24 inches	2.60	22.00
2 to 3 feet	4.00	35.00

COTONEASTER ACUTIFOLIA, Peking cotoneaster

9 to 12 inches	8.50	75.00
12 to 18 inches	14.00	110.00
18 to 24 inches	18.00	150.00

ELM, AMERICAN WHITE, *Ulmus americana*

6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.60	22.00
2 to 3 feet	3.50	30.00
3 to 4 feet	4.50	40.00
4 to 5 feet	7.50	65.00

ELM, CHINESE, *Ulmus pumila*

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.

6 to 12 inches	1.20	10.00
12 to 18 inches	2.10	18.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.50	40.00
3 to 4 feet	7.50	65.00
4 to 5 feet	12.00	100.00
5 to 6 feet	19.00	160.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i>			
6 to 12 inches		\$ 1.00	\$ 9.00
12 to 18 inches		1.70	14.00
18 to 24 inches		2.40	20.00
2 to 3 feet		3.20	28.00
3 to 4 feet		4.50	40.00
LOCUST HONEY, <i>Gleditsia triacanthos</i>			
6 to 12 inches		1.20	10.00
12 to 18 inches		1.90	16.00
18 to 24 inches		2.50	22.00
2 to 3 feet		4.00	35.00
3 to 4 feet		6.50	60.00
4 to 5 feet		10.00	90.00
LOCUST HONEY, Thornless, <i>Gleditsia triacanthos inermis</i>			
6 to 12 inches		1.70	14.00
12 to 18 inches		2.40	20.00
18 to 24 inches		3.50	30.00
2 to 3 feet		5.00	45.00
3 to 4 feet		8.00	70.00
4 to 5 feet		12.00	100.00
MAPLE SILVER LEAVED, <i>Acer dasycarpum (saccharinum)</i>			
6 to 12 inches		1.70	14.00
12 to 18 inches		2.50	22.00
18 to 24 inches		4.00	35.00
2 to 3 feet		6.50	60.00
MULBERRY, Russian, <i>Morus tatarica</i>			
6 to 12 inches		1.20	10.00
12 to 18 inches		1.90	16.00
18 to 24 inches		2.90	25.00
OAK, PIN, <i>Quercus palustris</i>			
6 to 12 inches		6.00	55.00
12 to 18 inches		8.50	75.00
OAK, RED, <i>Quercus rubra</i>			
6 to 12 inches		7.00	60.00
12 to 18 inches		9.00	80.00
OAK, SCARLET, <i>Quercus coccinea</i>			
6 to 12 inches		7.00	60.00
OSAGE ORANGE, <i>Maclura pomifera</i>			
6 to 12 inches		1.20	10.00
12 to 18 inches		1.80	15.00
18 to 24 inches		2.40	20.00
2 to 3 feet		2.90	25.00
PECAN HARDY, <i>Carya illinoensis</i>			
9 to 12 inches		5.00	45.00
12 to 18 inches		8.00	70.00
PRUNUS, <i>tomentosa</i>, Nanking Cherry			
12 to 18 inches		8.50	75.00
18 to 24 inches		12.00	100.00
2 to 3 feet		15.00	140.00
RED BUD, <i>Cercis canadensis</i>			
12 to 18 inches		7.00	60.00
18 to 24 inches		12.00	100.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

RUSSIAN OLIVE, Elaeagnus angustifolia	Per 100	Per 1000
6 to 12 inches.....	\$ 2.40	\$ 20.00
12 to 18 inches.....	3.50	30.00
18 to 24 inches.....	5.00	45.00
2 to 3 feet.....	7.50	65.00
3 to 4 feet.....	10.00	90.00
4 to 5 feet.....	16.00	140.00

WALNUT BLACK, Juglans nigra

12 to 18 inches.....	3.50	30.00
18 to 24 inches.....	4.50	40.00
2 to 3 feet.....	7.00	60.00
3 to 4 feet.....	10.00	90.00
4 to 5 feet.....	14.00	120.00

ONE YEAR FROM CUTTINGS**POPLAR, Populus**

	Per 100	Per 1000
Carolina, (Norway Variety) whips 3 to 4 feet.....	\$ 7.00	\$ 60.00
" " " lightly branched, 4 to 5 feet	8.50	80.00
Lombardy, whips 2 to 3 feet.....	6.00	50.00
" " 3 to 4 feet.....	8.50	75.00
" lightly branched, 4 to 5 feet.....	12.00	100.00
" " " 5 to 6 feet.....	16.00	140.00



DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, <i>Fraxinus Americanus</i>	Per 10	Per 100	Per 1000
Tall growing, valuable tree for street and park planting.			
5 to 6 feet	\$11.00	\$100.00	\$-----
6 to 8 feet	15.50	140.00	-----
8 to 10 feet	22.00	-----	-----

Green, *Fraxinus pennsylvanica lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

5 to 6 feet	11.00	100.00	-----
6 to 8 feet	15.50	140.00	-----
8 to 10 feet	22.00	-----	-----

BIRCH, Cutleaf Weeping, *Betula pendula laciniata*. 30-40 ft.

A graceful white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

4 to 5 feet	14.00	125.00	-----
5 to 6 feet	16.50	150.00	-----
6 to 8 feet	22.00	200.00	-----
8 to 10 feet	30.00	275.00	-----

European White, *Betula pendula (alba)*. 30-40 ft.

A hardy attractive tree with white bark.

4 to 5 feet	8.00	75.00	-----
5 to 6 feet	12.00	110.00	-----
6 to 8 feet	15.50	140.00	-----
8 to 10 feet	22.00	200.00	-----

River Birch, *Betula Nigra*. 50-60 ft.

A graceful tree, with slender numerous branches, and remarkable for its torn and ragged bark. A moisture loving tree.

4 to 5 feet	8.50	80.00	-----
5 to 6 feet	12.00	110.00	-----
6 to 8 feet	15.50	140.00	-----
8 to 10 feet	22.00	200.00	-----

BOX ELDER, See Maple.

CATALPA, *bungei*, Umbrella Catalpa, 12-18 ft.

Vigorous, large, dark green leaves, used for formal planting.

4 to 5-foot stems, 1-year heads	11.00	100.00	-----
5 to 6-foot stems, 1-year heads	14.00	125.00	-----
4 to 5-foot stems, 2-year heads	14.00	125.00	-----
5 to 6-foot stems, 2-year heads	16.50	150.00	-----
6 to 7-foot stems, 2-year heads	20.00	180.00	-----

Speciosa, Western Catalpa. 30-35 ft.

Well known hardy tree. White flowers, May-June.

6 to 8 feet, mostly whips	6.50	-----	-----
8 to 10 feet, " "	8.00	-----	-----
1½ to 2 inches	11.00	-----	-----

CHERRY, Kwanzan. 10-15 ft.

Beautiful double, dark pink, late flowers. Planted freely in the east and south.

3 to 4 feet	16.50	150.00	-----
4 to 5 feet	22.00	200.00	-----
5 to 6 feet	28.00	250.00	-----

DECIDUOUS TREES—Continued

CHERRY—Weeping

subhirtella pendula, Weeping Higars Cherry. 12-15 ft. Per 10 Per 100 Per 1000
 Countless lovely, small, pink blooms almost completely cover the graceful pendulous branches of this beautiful Weeping Cherry in early spring.
 5 to 6 feet, 1 year heads (heavy) \$35.00 \$300.00 \$-----

CHESTNUT, Horse, aesculus glabra, Ohio Buckeye. 20-25 ft.

A small tree having long, slim, smooth, greenish leaves.
 3 to 4 feet 10.00 -----

COTTONWOOD, See Poplar.△ **HOPA RED FLOWERING CRAB**

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruits red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

	Per 10	Per 100	Per 1000
3 to 4 feet	\$ 7.00	\$ 65.00	\$-----
4 to 5 feet	9.00	85.00	-----
5 to 6 feet	12.00	110.00	-----
6 to 8 feet	15.00	135.00	-----

CRAB, Flowering Malus. 15-30 ft.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 5.50	\$ 50.00	\$-----
3 to 4 feet	8.50	80.00	-----
4 to 5 feet	12.00	110.00	-----
5 to 6 feet	15.00	135.00	-----
6 to 8 feet	19.00	175.00	-----

△ **coronaria, wild sweet crab.** 25-30 ft.

White with pink flowers, delicately fragrant. Native American species.

△ **Eley Flowering Crab, purpurea eleyi.** 25-30 ft.

Attractive reddish foliage in spring. Single pink flowers followed by showy red fruit.

△ **floribunda, Japanese Flowering Crab.** 25-30 ft.

Pink buds, rosy-white flowers, small yellow fruit. Early.

△ **floribunda purpurea, Purple Crab.** 25-30 ft.

Attractive red foliage in spring. Single crimson flowers.

Mount Arbor Special. 18-20 ft.

This desirable flowering crab produces an abundance of crimson flowers, purple fruit, with brilliant reddish-purple foliage, brighter in color than other varieties.

Parkman, halliana parkmani. 12-15 ft.

Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.

△ **Red Silver.** 18-20 ft.

Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination. Flower crimson.

△ **Redvein Crab, niedzwetzkyana.** 20-25 ft.

A large growing Russian Turkestan variety. Has remarkable large red flowers in April followed by large purplish-red fruit and leaves.

	6/8'	5/6'	4/5'	3/4'	2/3'
Coronaria	X	X	X	--	--
Eley	X	X	X	X	--
floribunda	--	X	X	X	X
floribunda purpurea	X	X	X	X	X
Mount Arbor Special	--	X	X	X	--
Parkmani	--	X	X	X	--
Red Silver	X	X	X	X	X
Redvein	--	X	X	X	X

X indicates grades available.

DECIDUOUS TREES—Continued**CRAB, Flowering—Continued****RECENT INTRODUCTIONS****ROSY BLOOM VARIETIES**

		Per 10	Per 100
2 to 3 feet	-----	\$14.00	\$-----
3 to 4 feet	-----	15.50	140.00
4 to 5 feet	-----	17.50	160.00
5 to 6 feet	-----	19.00	175.00
6 to 8 feet	-----	24.00	-----

Almey

Large blossoms of glistening red petals, white markings at base of each, giving the effect of a five pointed star. Usually blossoms the same year planted. The scarlet fruits are retained till spring, furnishing food for winter birds.

Arrow

Late flowering variety. Very dark red buds and flowers which completely cover the tree and are followed by oxblood red small crab apples which hang on late.

Cowichan

Early flowering. It blooms profusely every year and bears a good crop of spectrum-red fruits which make good jelly. The foliage is brilliantly colored in autumn.

Jay Darling. 15-20 ft.

Light purplish red flowers. Fruit dark purplish red. 1". Medium to large tree with round head.

Makamik

One of the latest to bloom. Flowers are rose-colored with dark veins. Buds rich colored and floriferous every year. Fruit oxblood red which hang on tree all winter, but too bitter to be useful.

M-25

A graceful pyramidal type of tree with slender graceful branches reminding one of the C.L.W. Birch. Rich rosy bloom, fine in bud. Could be used anywhere one could place a Cut Leaf Birch.

MR - 453

Tree strong growing upright, distinctly column type suggesting Bolleana Poplar. Flowers red in bud, opening to pink with a trace of mauve.

MR - 454

A bush-like form of lilac size. Fine heavy branching. Prolific bloomer of dark reddish flowers followed by quantities of small fruit of a bronze color.

	6/8'	5/6'	4/5'	3/4'	2/3'
Almey	-----	X	X	X	X
Arrow	-----	-----	X	X	-----
Cowichan	-----	X	X	-----	-----
Jay Darling	-----	-----	X	X	-----
Makamik	-----	-----	X	X	-----
M-25	-----	X	X	X	-----
MR-453	-----	X	X	X	-----
MR-454	-----	X	X	X	-----

X indicates grades available.

DECIDUOUS TREES—Continued

CRAB, Flowering—Continued**FLOWERING CRAB SHRUB FORM**

The following varieties are available in shrub or bush form. They are excellent plants for landscape planting or for listing in mail order catalogues.

		Per 10	Per 100	Per 1000
18 to 24 inches		\$ 4.50	\$ 40.00	\$ -
2 to 3 feet		5.50	50.00	-
3 to 4 feet		8.00	75.00	-
4 to 5 feet		11.00	100.00	-
5 to 6 feet		15.00	135.00	-

5/6' 4/5' 3/4' 2/3' 18/24"

Eley	X	X	X	X	X
Hopa	X	X	X	X	-
Red Silver	--	--	X	X	X

X indicates grades available.

CRAB, Bechtel Malus, ioensis plena. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

		Per 10	Per 100	Per 1000
2 to 3 feet		\$ 6.50	\$ 60.00	\$ -
3 to 4 feet		10.00	90.00	-
4 to 5 feet		15.00	135.00	-

Bechtel, Klehm's Improved 15-18 ft.

An improved strain of Bechtel crab. Slightly faster grower, larger leaves and not so susceptible to cedar rust.

3 to 4 feet	10.00	90.00	-
4 to 5 feet	15.00	135.00	-
5 to 6 feet	19.00	175.00	-

ELM, American White, Ulmus americana. 60-100 ft.

The most popular American tree for street and general planting.

5 to 6 feet	7.00	65.00	-
6 to 8 feet	11.00	100.00	-
8 to 10 feet	16.50	150.00	-
1½ to 1½ inches	22.00	200.00	-
1½ to 1¾ inches	33.00	300.00	-
1¾ to 2 inches	43.00	375.00	-

American Pyramidal, ulmus americana pyramidalis. 40-50 ft.

Upright, closely branched type of American Elm, medium sized, green leaves. Suitable for street and boulevard planting.

5 to 6 feet	13.50	-	-
6 to 8 feet	17.50	-	-
8 to 10 feet	25.00	-	-
1½ to 1½ inches	30.00	-	-
1½ to 1¾ inches	40.00	-	-

Chinese, Ulmus pumila, Siberian Elm. 50-75 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

4 to 5 feet	4.00	35.00	-
5 to 6 feet	6.50	60.00	-
6 to 8 feet	10.00	90.00	-
8 to 10 feet	14.00	125.00	-
1½ to 1½ inches	22.00	200.00	-
1½ to 2 inches	35.00	300.00	-

DECIDUOUS TREES—Continued**ELM—Continued****CHINESE ELM****Root Pruned Trees**

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

Per 10 Per 100 Per 1000

4 to 5 feet, 7-16 to 9-16 inches	\$ 3.50	\$ 30.00	\$ -----
5 to 6 feet, 9-16 to 11-16 inches	5.00	45.00	-----
6 to 8 feet, 11-16 to 7-8 inches	7.00	65.00	-----

Lake City. 70-90 ft.

Upright, closely branched type of American Elm, large green leaves, larger than Moline, suitable for street and boulevard planting. Highly recommended.

Per 10 Per 100 Per 1000

5 to 6 feet	\$11.00	\$100.00	\$ -----
6 to 8 feet	15.00	135.00	-----
8 to 10 feet	22.00	200.00	-----

Moline, Ulmus molini. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

5 to 6 feet	11.00	100.00	-----
6 to 8 feet	15.00	135.00	-----
8 to 10 feet	22.00	200.00	-----

Vase, Ulmus urni. 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

5 to 6 feet	11.00	100.00	-----
6 to 8 feet	15.00	135.00	-----
8 to 10 feet	22.00	200.00	-----

HACKBERRY, Celtis occidentalis. 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

4 to 5 feet	8.00	75.00	-----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	19.00	175.00	-----
8 to 10 feet	27.50	250.00	-----
1½ to 1½ inches	35.00	325.00	-----

HONEYLOCUST, Gleditsia triacanthos. 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most kinds of soil. Not affected by borers or drought.

4 to 5 feet	6.50	60.00	-----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	16.50	150.00	-----
8 to 10 feet	25.00	225.00	-----

Thornless, Gleditsia Triacanthos inermis. 50-60 ft.

A variety of Triacanthos without thorns.

4 to 5 feet	8.00	75.00	-----
5 to 6 feet	14.00	125.00	-----
6 to 8 feet	25.00	225.00	-----
8 to 10 feet	33.00	300.00	-----
1½ to 1½ inches	40.00	-----	-----

DECIDUOUS TREES—Continued

HONEYLOCUST—Continued

MORAINE LOCUST

(Plant Patent No. 836)

This new shade tree, developed by The Siebenthaler Company, is thornless and seedless. Resistance to disease and insect damage. Absence of seed pods and the quick crumbling of Moraine Locust leaves make this tree ideal from the garden maintenance standpoint.

ONE YEAR TOP, 3 YEAR ROOT, ONCE TRANSPLANTED.

	10-49	50-499
	Each	Each
5 to 6 feet, whips.....	\$ 2.25	\$ 2.00
5 to 6 feet, branched.....	2.75	2.50
6 to 7 feet, branched.....	3.35	3.00

KENTUCKY COFFEETREE, *Gymnocladus dioicus*. 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$16.50	\$150.00	\$ -----
5 to 6 feet	22.00	200.00	-----
6 to 8 feet	28.00	250.00	-----

LINDEN, American, *Tilia americana*. 60-90 ft.

Rapid growing tree. Large, glossy leaves, fragrant, yellow flowers. June.

4 to 5 feet.....	9.00	85.00	-----
5 to 6 feet.....	12.00	110.00	-----
6 to 8 feet.....	22.00	200.00	-----
8 to 10 feet.....	27.50	250.00	-----

Pyramidal, Pyramidal American Linden. 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

4 to 5 feet.....	11.00	90.00	-----
5 to 6 feet.....	16.50	150.00	-----

LOCUST, Black or Yellow, *Robinia pseudoacacia*. 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

4 to 5 feet.....	5.50	50.00	-----
5 to 6 feet.....	8.00	75.00	-----
6 to 8 feet.....	11.00	100.00	-----

MAGNOLIA *soulangeana*, Saucer Magnolia (Available Spring only.)

The well-known shrub Magnolia, whose large fragrant blooms appear before the leaves. Symmetrical upright grower of excellent habit. Flowers open light purple at base, shading to pink at tips, with inside of petals clear pink to white. One of our most beautiful ornamentals. 20 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet, (BALLED IN MOSS).....	\$25.00	\$225.00	\$ -----
3 to 4 feet, " " "	38.50	350.00	-----
2 to 3 feet, (BALLED AND BURLAPPED).....	45.00	-----	-----
3 to 4 feet, " " "	60.00	-----	-----
4 to 5 feet, " " "	75.00	-----	-----
5 to 6 feet, " " "	100.00	-----	-----

soulangeana nigra, Purple Lily Magnolia. (Available Spring only.)

Flowers are very dark in the bud, opening to a deep purplish-red. Late bloomer. Compact habit of growth. 12 ft.

2 to 3 feet, (BALLED IN MOSS).....	25.00	225.00	-----
3 to 4 feet, " " "	38.50	350.00	-----
2 to 3 feet, (BALLED AND BURLAPPED).....	45.00	-----	-----
3 to 4 feet, " " "	60.00	-----	-----

DECIDUOUS TREES—Continued

MAPLE, Amur, Acer ginnala. 20-25 ft. Per 10 Per 100 Per 1000

Large shrub or small tree. Yellowish fragrant flowers. April-May. Leaves and seed pods attractive in fall.

2 to 3 feet	\$ 8.00	\$ 75.00	\$ -----
3 to 4 feet	11.00	100.00	-----
4 to 5 feet	16.50	150.00	-----
5 to 6 feet	22.50	-----	-----

Box Elder, Negundo. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

5 to 6 feet	8.00	75.00	-----
6 to 8 feet	14.00	125.00	-----
8 to 10 feet	19.00	175.00	-----

Norway, Acer platanoides. 50-60 ft.

Available Spring Only.

Hardy, popular trees. Fine for park and street planting. Spreading habit.

3 to 4 feet, whips	3.50	30.00	-----
4 to 5 feet, whips	5.50	50.00	450.00
5 to 6 feet, whips	8.00	75.00	700.00
6 to 7 feet, whips	11.00	100.00	900.00
7 to 8 feet, whips	15.00	135.00	-----
8 to 9 feet, whips	17.50	160.00	-----
5 to 6 feet, branched	16.50	150.00	-----
6 to 8 feet, branched	25.00	225.00	-----
8 to 10 feet, branched	32.50	300.00	-----

Schwedler, Acer platanoides schwedleri. 40-50 ft.

Available Spring Only.

Very popular because of its reddish-purple leaves in the spring.

4 to 5 feet, whips	-----	11.00	100.00	-----
5 to 6 feet, whips	-----	15.00	135.00	-----
6 to 7 feet, whips	-----	19.00	175.00	-----
7 to 8 feet, whips	-----	22.00	200.00	-----
8 to 9 feet, whips	-----	28.00	250.00	-----
5 to 6 feet, branched	-----	22.00	200.00	-----
6 to 8 feet, branched	-----	32.50	300.00	-----
8 to 10 feet, branched	-----	40.00	375.00	-----

CRIMSON KING MAPLE
(*Acer Platanoides schwedleri nigra*)

Plant patent No. 735

Available Spring Only

A great improvement over the Schwedleri Maple. In the spring Crimson King carries richer purple foliage, and this color is retained until leaves drop in the fall. Not as rapid a grower as Schwedleri.

	10-50	50-100	100-500
	Each	Each	Each
3 to 4 feet, whips	\$ 1.35	\$ 1.15	\$ 1.05
4 to 5 feet, whips	1.65	1.45	1.30
5 to 6 feet, whips	2.10	1.80	1.60
6 to 7 feet, whips	2.60	2.30	2.10
7 to 8 feet, whips	3.15	2.85	2.65
8 to 9 feet, whips	3.65	3.35	3.15

Silver, Acer saccharinum (dasycarpum) 60-80 ft.

Per 10 Per 100 Per 1000

Well known, rapid growing tree. Leaves silver underneath.

4 to 5 feet	\$ 5.50	\$ 50.00	\$ -----
5 to 6 feet	8.00	75.00	-----
6 to 8 feet	14.00	125.00	-----
8 to 10 feet	19.00	175.00	-----
1½ to 1¾ inches	22.00	200.00	-----
1½ to 1¾ inches	30.00	275.00	-----

DECIDUOUS TREES—Continued

MAPLE—Continued

Sugar, Acer saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

Per 10 Per 100 Per 1000

6 to 8 feet	\$25.00	\$225.00	\$	---
8 to 10 feet, 1 to 1½ inches	33.00	300.00	---	---
1½ to 2 inches	45.00	400.00	---	---

Wier, Acer saccharinum wier. Cutleaved Silver Maple. 60-80 ft.

Graceful drooping limbs with cut leaves.

5 to 6 feet	14.00	125.00	---	---
6 to 8 feet	17.50	160.00	---	---
8 to 10 feet	22.00	200.00	---	---
1½ to 2 inches	28.00	250.00	---	---

MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September

4 to 5 feet	11.00	100.00	---	---
5 to 6 feet	16.50	150.00	---	---
6 to 8 feet	22.00	200.00	---	---
8 to 10 feet	28.00	250.00	---	---

OAK, Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

4 to 5 feet	14.00	125.00	---	---
5 to 6 feet	19.00	175.00	---	---
6 to 8 feet	33.00	300.00	---	---
8 to 10 feet, 1½ to 2 inches	43.00	375.00	---	---
1½ to 2 inches	55.00	---	---	---

Red, Quercus borealis (rubra). 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

4 to 5 feet	14.00	125.00	---	---
5 to 6 feet	19.00	175.00	---	---
6 to 8 feet	33.00	300.00	---	---
8 to 10 feet, 1½ to 2 inches	43.00	375.00	---	---

Scarlet, Quercus coccinea. 75-90 ft.

Most striking Autumn colors; tall stately grower, deeply cut leaves.

5 to 6 feet	19.00	175.00	---	---
6 to 8 feet	33.00	300.00	---	---

White, Quercus Alba. 60-80 ft.

A rugged Oak of slow growth making a large, magnificent tree.

4 to 5 feet	14.00	125.00	---	---
5 to 6 feet	19.00	175.00	---	---
6 to 8 feet	33.00	300.00	---	---

POPLAR, Bolleana, alba bolleana, Silver Leaved. 50-60 ft.

A rapid growing columnar tree with silvery foliage.

4 to 5 feet	5.50	50.00	---	---
5 to 6 feet	8.50	80.00	---	---
6 to 8 feet	14.00	125.00	---	---
8 to 10 feet	16.50	150.00	---	---
1½ to 2 inches	19.00	175.00	---	---

Carolina, (Norway Variety.) 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

5 to 6 feet	4.50	40.00	---	---
6 to 8 feet	6.50	60.00	---	---
8 to 10 feet	8.50	80.00	---	---

DECIDUOUS TREES—Continued

POPLAR—Continued

Cottonwood, Cottonless. 75-100 ft.

Much preferred over the common species of western cottonwood, because it does not develop seeds.

		Per 10	Per 100	Per 1000
5 to 6 feet		\$ 6.50	\$ 60.00	\$. . .
6 to 8 feet		8.50	80.00	. . .
8 to 10 feet		14.00	125.00	. . .
1½ to 2 inches		18.00	. . .	. . .

Lombardy, nigra italicica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

4 to 5 feet, low branched		2.50	21.00	190.00
5 to 6 feet, " "		3.20	28.00	250.00
6 to 8 feet, " "		4.40	38.50	350.00
8 to 10 feet, " "		6.00	55.00	500.00
1¼ to 1½ inches, low branched		7.00	65.00	. . .
1½ to 2 inches, " "		10.00	. . .	. . .

Simoni, Chinese Polar. 40-50 ft.

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.

5 to 6 feet		6.50	60.00	. . .
6 to 8 feet		9.00	85.00	. . .
8 to 10 feet		14.00	125.00	. . .

NEW VARIETIES

We have selected the following varieties of Poplar as outstanding for street and shade tree planting in sections where large variety selections are not adapted. These new varieties are of the *Populus nigra* family and do well in hot, arid sections.

		Per 10	Per 100	Per 1000
5 to 6 feet		\$ 6.50	\$ 60.00	\$. . .
6 to 8 feet		10.00	90.00	. . .
8 to 10 feet		14.00	125.00	. . .

Poplar, deltoides missouriensis

Large bright green leaves. More upright growth and desirable for street or parkway planting.

marilandica

Largest leaves of the new varieties, light green. More moderate grower with bright green new growth. Spreading habit.

serotina

Smaller bright green leaves measuring 4 to 5 inches. New growth showing distinct reddish brown color. Spreading habit and fast grower.

PRUNUS, Ornamental Plum.**→ cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

Per 10 Per 100 Per 1000

12 to 18 inches		\$ 4.00	\$ 35.00	\$. . .
18 to 24 inches		6.50	60.00	. . .
2 to 3 feet		8.00	75.00	. . .
3 to 4 feet		11.00	100.00	. . .
4 to 5 feet		14.00	125.00	. . .

DECIDUOUS TREES—Continued

PRUNUS—Continued

Hansen Bush Cherry. 6-7 ft. Per 10 Per 100 Per 1000
 An improved *Prunus besseyi*; very productive and extremely hardy.

12 to 18 inches, transplants, branched	\$ 1.70	\$ 14.00	\$ -----
18 to 24 inches, " "	2.40	20.00	180.00
2 to 3 feet, " "	2.90	25.00	220.00
3 to 4 feet, " "	4.00	35.00	-----

Newport, purple Leaved (Bush form). 15-20 ft.
 Hardy upright grower. Foliage reddish purple with bright red tips.

18 to 24 inches (Shrub Form)	6.50	60.00	-----
2 to 3 feet " "	8.00	75.00	-----
3 to 4 feet " "	11.00	100.00	-----
4 to 5 feet " "	14.00	125.00	-----
5 to 6 feet " "	19.00	175.00	-----
2 to 3 feet (Tree Form)	8.00	75.00	-----
3 to 4 feet " "	11.00	100.00	-----
4 to 5 feet " "	14.00	125.00	-----

Padus commutata, May Day Tree. 18-20 ft.
 Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

18 to 24 inches	5.50	50.00	-----
2 to 3 feet	7.00	65.00	-----
3 to 4 feet	9.00	85.00	-----

persica, Flowering Peach. 15-20 ft.
 An early blooming, double flowering peach.

2 to 3 feet	4.50	40.00	-----
3 to 4 feet	6.50	60.00	-----
4 to 5 feet	9.00	85.00	-----

Camelliaeflora, Late Red Iceberg, Early Snow-white
Cardinal, Red Peppermint Stick, Bi-color
Helen Borchers, Clear Pink Red Flowering, Double Red

DWARF PEACH-MANDARIN

Chinese DWARF PEACH. Maximum height about 4 feet. Double red flowers.
 Medium sized fruit.

	Per 10	Per 100	Per 1000
6 to 9 inches	\$ 6.50	\$ -----	\$ -----
9 to 12 inches	9.00	-----	-----
12 to 15 inches	12.50	-----	-----

RUTGERS RED-LEAVED FLOWERING PEACH

Ornamental tree with red foliage. Single pink flowers. Fruit, red 1½ inches in diameter, white flesh.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 6.50	\$ 60.00	\$ -----
3 to 4 feet	9.00	80.00	-----
4 to 5 feet	11.00	100.00	-----
5 to 6 feet	14.00	125.00	-----

thundercloud. 10-12 ft. Per 10 Per 100 Per 1000
 The finest of all purple leaf plum. Very hardy.

12 to 18 inches	\$ 4.00	\$ 35.00	\$ -----
18 to 24 inches	6.50	60.00	-----
2 to 3 feet	8.00	75.00	-----
3 to 4 feet	11.00	100.00	-----

DECIDUOUS TREES—Continued

PRUNUS—Continued

<i>tomentosa</i> , Nanking Cherry. 10-12 ft.	Per 10	Per 100	Per 1000
Very hardy variety, remarkably showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.			
2 to 3 feet	\$ 5.50	\$ 50.00	\$ -----
3 to 4 feet	8.00	75.00	-----

triloba, Flowering Plum. 8-10 ft.

A handsome hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.	18 to 24 inches	6.50	60.00	-----
18 to 24 inches	6.50	60.00	-----	
2 to 3 feet	8.00	75.00	-----	
3 to 4 feet	11.00	100.00	-----	
4 to 5 feet	14.00	125.00	-----	
5 to 6 feet	20.00	-----	-----	

RED BUD, *Cercis canadensis*. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

18 to 24 inches	3.50	30.00	-----
2 to 3 feet	5.50	50.00	-----
3 to 4 feet	8.50	80.00	-----
4 to 5 feet	14.00	125.00	-----
5 to 6 feet	19.00	175.00	-----

SOPHORA JAPONICA, Japan Pagodatree. 50-60 ft.

Handsome tree with spreading branches, forming a dense round head. Attractive white flowers disposed in panicles; dark green branches.

2 to 3 feet	11.00	100.00	-----
3 to 4 feet	13.50	125.00	-----
4 to 5 feet	16.00	150.00	-----
5 to 6 feet	22.00	200.00	-----
6 to 8 feet	29.00	-----	-----

SYCAMORE or American Planetree, *Platanus occidentalis*. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

5 to 6 feet	11.00	100.00	-----
6 to 8 feet	16.50	150.00	-----
8 to 10 feet	22.00	200.00	-----
1½ to 1½ inches	28.00	250.00	-----

THORN, *crataegus*, *coccinea*, (*intricata*) Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.

3 to 4 feet	22.00	-----	-----
4 to 5 feet	27.50	-----	-----

crusgalli, Cockspur Thorn. 20-25 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.

3 to 4 feet	22.00	-----	-----
4 to 5 feet	27.50	250.00	-----
5 to 6 feet	35.00	325.00	-----
6 to 8 feet	55.00	500.00	-----

crusgalli inermis, Thornless Cockspur Thorn 20-25 ft.

Same habit of growth, flowers and fruit as preceding variety, but without thorns.

5 to 6 feet	35.00	325.00	-----
6 to 8 feet	55.00	500.00	-----

mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

4 to 5 feet	27.50	-----	-----
5 to 6 feet	35.00	-----	-----
6 to 8 feet	55.00	-----	-----

DECIDUOUS TREES—Continued

THORN—Continued

	15-20 ft.	Per 10	Per 100	Per 1000
Produces brilliant double scarlet flowers in June.				
3 to 4 feet		\$14.00	\$125.00	\$
4 to 5 feet		16.50	150.00	
5 to 6 feet		22.50	200.00	

Prunifolia, Plumleaf Hawthorn. 30 ft.

	Branches spreading or somewhat ascending, spiny.	Fruit, red.	May-June.
3 to 4 feet		22.00	200.00
4 to 5 feet		27.50	250.00
5 to 6 feet		35.00	325.00
6 to 8 feet		55.00	500.00

punctata, Dotted Hawthorne. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

3 to 4 feet		22.00	200.00	
4 to 5 feet		27.50	250.00	
5 to 6 feet		35.00		

WILLOW, Salix**babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

4 to 5 feet		4.50	40.00	
5 to 6 feet		7.00	€5.00	
6 to 8 feet		11.00	100.00	
8 to 10 feet		15.00	135.00	

Laurel leaved, Salix pentandra. 30-40 ft.

Hardy upright grower with large, dark green leaves.

4 to 5 feet		4.50		
5 to 6 feet		6.50		

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

3 to 4 feet		2.90	25.00	
4 to 5 feet		4.50	40.00	
5 to 6 feet		7.00	65.00	
6 to 8 feet		11.00	100.00	
8 to 10 feet		15.00	135.00	

Pussy, Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

18 to 24 inches		2.50	22.00	
2 to 3 feet		3.50	30.00	
3 to 4 feet		4.50	40.00	
4 to 5 feet		6.50	60.00	
5 to 6 feet		11.00	100.00	

Russian Golden, Salix vitellina aurea. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

4 to 5 feet		3.50	30.00	
5 to 6 feet		5.50	50.00	

Wisconsin Weeping, Salix blanda. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

4 to 5 feet		4.50	40.00	
5 to 6 feet		7.00	65.00	
6 to 8 feet		11.00	100.00	
8 to 10 feet		15.00	135.00	

ORNAMENTAL SHRUBS

Our Shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPanax sieboldianus (Pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 5.00	\$ -----	\$ -----

ALMOND, Pink Flowering, Prunus glandulosa rosea. 5-6 ft.

April-May.

12 to 18 inches, Own Root	3.50	30.00	-----
18 to 24 inches, " "	5.00	45.00	-----
2 to 3 feet, " "	6.00	55.00	500.00
3 to 4 feet, " "	7.50	70.00	-----

White Flowering, Prunus glandulosa alba. 5-6 ft.

Double white. Branches covered with masses of flowers. April-May.

12 to 18 inches, Own Root	4.50	-----	-----
18 to 24 inches, " "	6.00	55.00	-----
2 to 3 feet " "	7.00	65.00	-----

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red, and white.

12 to 18 inches	1.90	16.00	-----
18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.00	45.00	-----

d-Double

s-Single

Anemoneeflours, d pink	Jean d' Arc, d white
Ardens, d purple	Lucy, d red
Boule de Feu, d red	Rubis, s red

*Coelestris, s blue

*Starred variety available 18/24 inch and 2/3 feet grades only, 10¢ higher per grade.

AMELANCHIER, canadensis Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 4.00	\$ 35.00	\$ -----
18 to 24 inches	5.50	50.00	450.00
2 to 3 feet	6.50	60.00	550.00
3 to 4 feet	8.00	75.00	-----

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

2 to 3 feet	5.50	50.00	-----
3 to 4 feet	6.50	60.00	-----

BARBERRY, Berberis

thunbergi Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

12 to 15 inches	2.40	21.00	180.00
15 to 18 inches	3.10	27.00	240.00
18 to 24 inches	3.80	33.00	300.00
2 to 2½ feet	4.50	40.00	350.00

Our Barberry Thunbergi are 2 and 3 year heavy, well furnished transplants that will please the most critical trade. Write for special quotations on quantity lots.

See Hedging for Seedlings and smaller grades.

Red Leaved, Berberis atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

12 to 15 inches	3.70	32.00	-----
15 to 18 inches	4.50	40.00	-----
18 to 24 inches	5.50	50.00	-----
2 to 2½ feet	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

BARBERRY—Continued

BERBERIS MENTORENSIS

(Sun or shade—ultimate height 5 ft.)

Barberry mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

	Per 10	Per 100	Per 1000
15 to 18 inches	\$ 6.50	\$ 60.00	\$
18 to 24 inches	8.50	80.00	-

TRUEHEDGE COLUMNBERRYVar. *Berberis Thunbergi, erecta*

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

	Per 10	Per 100	Per 1000
15 to 18 inches	\$ 3.50	\$ 33.00	\$
18 to 24 inches	4.50	40.00	350.00
2 to 2½ feet	5.50	45.00	420.00

BUCKTHORN, Rhamnus cathartica, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.10	\$ 18.00	\$
18 to 24 inches	2.90	25.00	-
2 to 3 feet	4.00	35.00	-

davurica, Dahurian Buckthorn. 12-15 ft.

Spreading, hardy shrub or small tree. Black berries. Desirable landscape shrub.

18 to 24 inches	2.90	25.00	-
2 to 3 feet	4.00	35.00	-
3 to 4 feet	5.50	-	-

frangulica, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

12 to 18 inches	2.90	25.00	-
18 to 24 inches	4.00	35.00	-
2 to 3 feet	5.50	50.00	-

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

We are growing most of our Buddleia in California where soil and climatic conditions are ideal for producing strong, well rooted plants that are properly matured. You will like them.

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties are distinctly pink. Has exceptional value for house decoration.

Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00

Dubonnet

A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.

Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00

Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00

Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

Medium	2.80	24.00	220.00
No. 1	3.50	30.00	270.00

ORNAMENTAL SHRUBS—Continued**BUDDLEIA—Continued****BURGUNDY**

A Mount Arbor introduction—A new Buddleia of merit. Strong, upright growing plant produces an abundance of well rounded flower trusses often measuring 18 inches in length. The individual florets open practically all at the same time. The color is "Burgundy Wine-red" that is even more brilliant in sunlight in the garden or where used as a cut flower under artificial light.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$

EMPIRE BLUE

(Patent No. 557)

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$ 300.00

(Retails 75¢ each, \$7.50 per doz.)

PINK DAWN

A Mount Arbor introduction — cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire summer and autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$

ROYAL RED

(Patent No. 556)

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$ 300.00

(Retails 75¢ each, \$7.50 per doz.)

SNOWBANK

A Mount Arbor introduction. This new white Buddleia produces fully round and compact sprays measuring 10 to 15 inches in length and carries an abundance of deep, dark green foliage.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$ 4.00	\$ 35.00	\$

WHITE BOUQUET

(Patent No. 536)

A new white Buddleia carrying 8-inch spikes of fully rounded-out blooms. Splendid for cut flower purposes. (Retails at 85¢ each, \$8.50 per doz.)

	Per 10	Per 100	Per 1000
No. 1	\$ 4.50	\$ 40.00	\$ 300.00

ORNAMENTAL SHRUBS—Continued

CARAGANA arborescens. Siberian Peashrub. 12-15 ft.	Per 10	Per 100	Per 1000
Very hardy. Yellow flowers in May-June.			
12 to 18 inches.....	\$ 2.10	\$ 18.00	\$
18 to 24 inches.....	2.90	25.00	220.00
2 to 3 feet.....	4.00	35.00	.....

CARYOPTERIS, Blue Mist, (Hardy Blue Spirea). 18-24 inch.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.

Medium.....	2.90	25.00	.....
No. 1.....	4.00	35.00	.....

CHAENOMELES, See Cydonia**CHIONANTHUS virginica**, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

12 to 18 inches.....	5.50	50.00	.....
18 to 24 inches.....	8.00	75.00	.....
2 to 3 feet.....	11.00	100.00	.....

CORYLUS Americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

12 to 18 inches.....	2.90	25.00	.....
18 to 24 inches.....	4.50	40.00	.....
2 to 3 feet.....	5.50	.....	.....

CORNUS, Dogwood*alba sibirica*, Siberian Dogwood. 10-12 ft.

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

12 to 18 inches.....	2.40	21.00	.....
18 to 24 inches.....	4.00	35.00	320.00
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	6.50	60.00	.....

*florida rubra, Red Flowering Dogwood. 15-20 ft.

Variety of Cornus Florida with bright pink flowers.

2 to 3 feet (Balled in Moss).....	25.00	225.00
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*Available for Spring only.

Goldentwig, stolonifera flaviramea. 8-10 ft.

Distinct yellow bark, has fine winter effect.

12 to 18 inches.....	2.40	21.00	.....
18 to 24 inches.....	4.00	35.00	.....
2 to 3 feet.....	5.50	50.00	.....

racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.

12 to 18 inches.....	2.90	25.00	.....
18 to 24 inches.....	4.50	40.00	.....
2 to 3 feet.....	5.50	50.00	.....

stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers. May-June. White berries.

12 to 18 inches.....	2.40	21.00	.....
18 to 24 inches.....	4.00	35.00	320.00
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	6.50	60.00	.....

Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

12 to 18 inches.....	4.00	35.00	.....
18 to 24 inches.....	6.50	60.00	.....
2 to 3 feet.....	8.50	.....	.....

ORNAMENTAL SHRUBS—Continued

COTONEASTER acutifolia, Peking Cotoneaster.	10-12 ft.	Per 10	Per 100	Per 1000
An attractive hardy shrub or hedge. Dark green leaves.			Black fruit.	
12 to 18 inches		\$ 2.40	\$ 25.00	\$ -----
18 to 24 inches		3.50	30.00	270.00
2 to 3 feet		4.50	40.00	350.00
3 to 4 feet		6.00	55.00	500.00

divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.				
12 to 18 inches		5.50	50.00	-----
18 to 24 inches		7.50	70.00	-----

CREPE MYRTLE (Lagerstroemis Indica). 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.				
18 to 24 inches		3.50	30.00	-----
Pink	Purple		Red	

CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

12 to 18 inches		2.90	25.00	-----
18 to 24 inches		3.80	33.00	300.00
2 to 3 feet		5.00	45.00	400.00
3 to 4 feet		6.00	55.00	500.00

NEW NAMED INTRODUCTIONS

CYDONIA (grafted)

We are listing below newer varieties of grafted named varieties of CYDONIAS that we can recommend for the general planting. Supply limited.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 5.50	\$ 50.00	\$ -----
18 to 24 inches	7.00	65.00	-----
2 to 3 feet	9.00	85.00	-----
	2-3'	18-24"	12-18"
Apple Blossom, pink	X	X	X
Coral Sea, Salmon		X	X
Pink Princess, pink	X	X	--

(X indicates grades available in each variety)

DEUTZIA, gracilis, Slender Deutzia. 3 ft.

Dwarf, blooms freely. Small pure white flowers.	May.	Per 10	Per 100	Per 1000
9 to 12 inches		\$ 2.90	\$ 25.00	\$ -----
12 to 15 inches		4.50	40.00	-----
15 to 18 inches		5.50	50.00	-----
18 to 24 inches		6.50	60.00	-----

gracilis exima. 4 ft.

Light pink bud opening to pinkish-white flower. Very attractive.

15 to 18 inches		5.50	50.00	-----
18 to 24 inches		6.50	60.00	-----

Lemoine, lemoinei Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

12 to 18 inches		4.00	35.00	320.00
18 to 24 inches		5.00	45.00	400.00
2 to 2½ feet		6.00	55.00	500.00

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

12 to 18 inches		2.50	22.00	-----
18 to 24 inches		4.00	35.00	320.00
2 to 3 feet		5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

DEUTZIA—Continued

Scabra Plena, Double Rose. 6-7 ft.

Vigorous growth; free flowering. Produces an abundance of double fringy, pink flowers.

		Per 10	Per 100	Per 1000
18 to 24 inches		\$ 5.00	\$ 45.00	\$ -----
2 to 3 feet		6.00	55.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

18 to 24 inches		3.80	35.00	-----
2 to 3 feet		5.00	45.00	-----
3 to 4 feet		6.00	-----	-----

argentea. Silverberry. 10-12 ft.

Erect shrub, spineless, stoloniferous, with reddish brown branchlets. Leaves silvery on both sides. Flowers yellowish within, fragrant. Fruit covered with silvery scales. May-June.

12 to 18 inches		3.50	-----	-----
18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----

ELDER Golden American, Sambucus canadensis aurea. 10-12 ft.

18 to 24 inches		4.00	35.00	-----
2 to 3 feet		5.50	50.00	-----
3 to 4 feet		6.50	-----	-----

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

12 to 18 inches		6.50	60.00	-----
18 to 24 inches		8.50	80.00	-----
2 to 3 feet		14.00	125.00	-----

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.

12 to 18 inches		8.00	75.00	-----
18 to 24 inches		11.00	100.00	-----
2 to 3 feet		16.50	150.00	-----

atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

12 to 18 inches		3.20	28.00	-----
18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----

European, Burningbush, europaeus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.

18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----

Patens, Spreading Euonymus. 4-5 ft.

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

12 to 15 inches		5.50	50.00	-----
15 to 18 inches		7.00	65.00	-----
18 to 24 inches		8.50	80.00	-----

patens Flagpole. Small leaf. 4-5 ft.

Ideal for evergreen hedges. Makes a very bushy specimen plant when grown informally. Semi-hardy.

9 to 12 inches		4.00	35.00	-----
12 to 15 inches		5.50	50.00	-----
15 to 18 inches		7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

radicans erecta, Compact spreading euonymus.

	Per 10	Per 100	Per 1000
12 to 15 inches	\$ 5.50	\$ 50.00	\$ -----
15 to 18 inches	7.00	65.00	-----

yedoensis, Yeddo Euonymus. 10-12 ft.

Large shrub with masses of pink and orange, four lobed fruit.	4.50	40.00	-----
18 to 24 inches	5.50	50.00	-----

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

12 to 18 inches	3.20	28.00	-----
18 to 24 inches	4.40	38.50	350.00
2 to 3 feet	5.50	50.00	450.00

intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

12 to 18 inches	3.20	28.00	-----
18 to 24 inches	4.40	38.50	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	-----

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

12 to 18 inches	3.20	28.00	-----
18 to 24 inches	4.40	38.50	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	-----

FORSYTHIA SPRING GLORY

A new Forsythia that produces an abundance of attractive large pale yellow flowers completely covering the branches and making a brilliant and cheerful display for the gardens in the spring.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 3.50	\$ 30.00	\$ -----
18 to 24 inches	5.00	45.00	400.00
2 to 3 feet	6.00	55.00	500.00
3 to 4 feet	7.00	65.00	600.00

suspensa, Weeping Forsythia. 6-8 ft.

Per 10 Per 100 Per 1000

Slender pendulous branches. Golden yellow flowers in April.

12 to 18 inches	\$ 3.50	\$ 30.00	\$ -----
18 to 24 inches	4.50	40.00	-----
2 to 3 feet	6.00	55.00	-----

suspensa variegata, Goldblotch Forsythia. 6-8 ft.

Similar to Suspensa but with variegated foliage.

18 to 24 inches	4.50	-----	-----
2 to 3 feet	6.00	55.00	-----
3 to 4 feet	7.00	-----	-----

viridissima, Greenstem Forsythia. 7-8 ft.

Stocky grower. Dark green leaves, yellow flowers. Late bloomer.

18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE, Lonicera

Per 10 Per 100 Per 1000

bella albida, White Belle Honeysuckle. 10-12 ft.			
Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.			
18 to 24 inches	\$ 8.80	\$ 35.00	\$..
2 to 3 feet	5.00	45.00	400.00

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE—Continued

zabeli, Zabel Honeysuckle. 8-10 ft.		Per 10	Per 100	Per 1000
An improved strain of red tatarian Honeysuckle.				
18 to 24 inches	-----	\$ 4.00	\$ 35.00	\$ -----
2 to 3 feet	-----	5.00	45.00	400.00
3 to 4 feet	-----	6.00	55.00	500.00

HONEYSUCKLE (Also see Hedging)

HYDRANGEA arborescens grandiflora, Snowhill. 5-6 ft.

12 to 18 inches	-----	3.20	28.00	250.00
18 to 24 inches	-----	4.50	40.00	-----
2 to 3 feet	-----	5.50	50.00	-----

Blue Prince. See Page 89.

paniculata grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn. July-October.

12 to 18 inches	-----	3.20	28.00	250.00
18 to 24 inches	-----	4.50	40.00	350.00
2 to 3 feet	-----	5.50	50.00	-----

HYPERICUM aureum, Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

12 to 18 inches	-----	4.00	35.00	-----
18 to 24 inches	-----	5.00	45.00	-----

moserianum, Goldflower. 2 ft.

Attractive foliage. Attractive golden flowers $2\frac{1}{2}$ inches in diameter. July-August.

Medium (Tops cut back to 10 to 12 inches)	-----	4.50	40.00	-----
No. 1 (" " " " ")	-----	5.50	50.00	-----

ILEX verticillata, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

12 to 18 inches	-----	4.50	40.00	350.00
18 to 24 inches	-----	6.50	60.00	-----
2 to 3 feet	-----	8.00	-----	-----

KERRIA japonica flora-plena, Double Kerria. 4 ft.

Similar to above variety with double flowers.

18 to 24 inches	-----	7.50	70.00	-----
2 to 3 feet	-----	8.50	80.00	-----

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

12 to 18 inches	-----	3.50	30.00	-----
18 to 24 inches	-----	5.50	50.00	450.00
2 to 3 feet	-----	6.50	60.00	550.00
3 to 4 feet	-----	7.00	65.00	-----

LESPEDEZA Formosa (Desmodium) Purple Bushclover. Per 10 Per 100 Per 1000

A herbaceous perennial shrub with attractive purple flowers in September.				
2 year, Medium	-----	3.50	30.00	-----
2 year, No. 1	-----	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

LILAC *Syringa*. 12-15 ft.

Per 10 Per 100 Per 1000

French Lilacs, Named varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

12 to 18 inches	\$ 4.50	\$ 40.00	\$ -----
18 to 24 inches	6.50	60.00	-----
2 to 3 feet	8.50	80.00	-----
3 to 4 feet	11.00	-----	-----

s-Single

d-Double

	3-4'	2-3'	18-24"	12-18"
Alphonse Lavalle, d lilac	X	X	X	X
Belle de Nancy, d rose, white center	--	X	--	--
Bleuatre, s blue	--	--	X	X
Charles Joly, d rich red	--	X	X	X
Chas. X, s red	--	X	X	X
Edith Cavel, d white	--	X	X	X
Edward Andre, d pink	--	--	X	X
Glorie de Moulins, s pink	--	X	X	--
Hugo Koster, s lilac	--	X	X	--
Jacques Callot, s violet	--	X	X	--
Katherine Havenmeyer, d violet	--	X	X	X
Ludwig Spaeth, s deep purple	--	X	X	X
Mme. A. Chatenay, d white	--	X	X	--
Mme. Casimer Perier, d white	--	X	X	X
Mme. Edward Harding, d red	--	X	X	--
Mme. Lemoine, d white	--	X	X	X
Marie Legraye, s white	--	X	X	--
Michel Buchner, s lilac	--	X	X	X
Mrs. W. E. Marshall, s reddish purple	X	X	X	--
Pres. Carnot, d orchid pink	--	X	X	X
President Grevy, d bluish lilac	--	X	X	X
Pres. Lincoln, s blue	--	X	X	X
Prince Notger, s lavender	--	X	X	--
Ruhm Von Horstenstein, s reddish purple	--	X	X	--
Waldick-Rousseau, d lilac pink	--	X	X	X

(X indicates grades available in each variety)

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

Per 10 Per 100 Per 1000

12 to 18 inches	\$ 2.90	\$ 25.00	\$ -----
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.00	45.00	-----

Common White, vulgaris alba. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, rich amaranth purple flowers. April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

Per 10 Per 100 Per 1000

18 to 24 inches	\$ 4.50	\$ 40.00	\$ 350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00
4 to 5 feet	8.00	75.00	-----

ORNAMENTAL SHRUBS—Continued

LILAC—Continued

japonica. Tree Lilac. 18-22 ft.		Per 10	Per 100	Per 1000
Loose bunches creamy-white flowers; handsome foliage.	June-July.			
12 to 18 inches.....	\$ 3.50	\$ 30.00	\$ -----	
18 to 24 inches.....	4.50	40.00	-----	
2 to 3 feet.....	6.00	-----	-----	

Persian Purple, see Lilac Rothomangensis.

We recommend use of Rothomagensis which is similar in habit of growth but produces superior flowers and foliage.

Persian White, persica alba. 6-7 ft.

White flowering variety of Persian Lilac.

18 to 24 inches.....	5.00	45.00	-----
2 to 3 feet.....	6.50	60.00	-----
3 to 4 feet.....	8.00	75.00	-----

villosa. Late Lilac. 8-10 ft.

Bushy compact grower. Large, attractive leaves, pale pink flowers.

18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	7.00	65.00	-----

PHILADELPHUS, Mockorange

amalthee. 5-6 ft.

Outstanding Philadelphus with large single white flowers with pink center.

18 to 24 inches.....	5.50	50.00	-----
2 to 3 feet.....	6.50	60.00	-----

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant. Outstanding variety.

12 to 18 inches.....	3.20	28.00	-----
18 to 24 inches.....	4.50	40.00	-----

coronarius, Sweet Mockorange. 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

12 to 18 inches.....	2.90	25.00	220.00
18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	7.00	65.00	600.00

coronarius aureus, Golden Mockorange. 4 ft.

Dwarf compact form with yellow foliage.

15 to 18 inches.....	8.00	-----	-----
18 to 24 inches.....	10.00	-----	-----
2 to 3 feet.....	12.50	-----	-----

lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

12 to 18 inches.....	3.20	28.00	-----
18 to 24 inches.....	4.50	40.00	-----

Minnesota Snowflake, Plant Pat. No. 538.

The double, white fragrant flowers bloom profusely. Attractive shrub with good foliage.

	Wholesale Prices		Suggested	Retail Prices
	Per 10	Per 100	Each	Dozen
18 to 24 inches.....	\$6.00	\$55.00	\$1.25	\$12.00
2 to 3 feet.....	7.00	65.00	1.50	15.00
3 to 4 feet.....	9.00	85.00	2.00	20.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

virginalis, Virgin Mockorange. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season beginning in May

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 3.20	\$ 28.00	\$250.00
18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	450.00
3 to 4 feet.....	7.00	-----	-----

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00

Goldleaf Ninebark, *opulifolius luteus (aureus)*. 8-10 ft.

Golden leaved variety producing white flowers in May-June

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00

***opulifolius nana*, Dwarf Ninebark. 4-5 ft.**

Dwarf form, dense grower. Very attractive foliage and flowers. May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.00	55.00	500.00

POTENTILLA fruticosa, Bush Cinquefoil. 4-5 ft.

Dwarf. Produces bright yellow flowers throughout the summer.

12 to 18 inches.....	4.50	40.00	-----
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PRIVET — Ligustrum**Amoor North, *amurensis*. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
9 to 12 inches, branched.....	\$ -----	\$ 7.00	\$ 60.00
12 to 18 inches, 2 canes.....	-----	10.00	85.00
12 to 18 inches, 3 canes and up.....	-----	12.00	100.00
18 to 24 inches, 2 canes.....	-----	12.00	100.00
18 to 24 inches, 3 canes and up.....	-----	16.50	140.00
2 to 3 feet, 2 and 3 canes.....	-----	16.50	140.00
2 to 3 feet, 4 canes and up.....	-----	21.00	180.00
3 to 4 feet, 4 canes.....	-----	22.50	-----
3 to 4 feet, 5 canes and up.....	-----	28.00	-----

California, *ovalifolium*. 12-15 ft.

An attractive, popular hedge plant where hardy.

9 to 12 inches, branched.....	-----	5.60	50.00
12 to 18 inches, 3 canes and up.....	-----	10.00	85.00
18 to 24 inches, 3 canes and up.....	-----	13.00	110.00
2 to 3 feet, 4 canes and up.....	-----	18.00	150.00
3 to 4 feet, 4 canes and up.....	-----	24.00	220.00

***densifolia nana*. 6 ft.**

Very handsome dwarf evergreen shrub, but in colder climates often losing the leaves in fall.

12 to 15 inches.....	5.00	45.00	-----
15 to 18 inches.....	6.50	60.00	-----
18 to 24 inches.....	8.00	75.00	-----

ORNAMENTAL SHRUBS—Continued

PRIVET—Continued

Ibolum, Hardy California. 8-10 ft.

Per 10 Per 100 Per 1000

Upright, vigorous with foliage similar to California but much hardier.

9 to 12 inches, branched.....	\$ ----	\$ 7.00	\$ 60.00
12 to 18 inches, 3 canes and up.....	-----	12.00	100.00
18 to 24 inches, 3 canes and up.....	-----	16.50	140.00
2 to 3 feet, 4 canes and up.....	-----	21.00	180.00
3 to 4 feet, 4 canes and up.....	-----	22.50	200.00

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.

New hardy Privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.

9 to 12 inches.....	2.40	20.00	-----
12 to 15 inches.....	3.20	28.00	-----
15 to 18 inches.....	4.00	35.00	-----

Lodense. 2½ ft.

Very compact, dwarf form.

15 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	3.50	30.00	-----

Regel, regelianum. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

12 to 18 inches.....	2.80	24.00	220.00
18 to 24 inches.....	4.50	40.00	350.00
2 to 2½ feet.....	5.50	50.00	450.00

vulgare, European Privet. 8-10 ft.

Available Spring only.

A hardy vigorous strain of European Privet carrying dark green foliage, hanging on late in autumn.

12 to 18 inches, 3 canes and up.....	-----	14.00	120.00
18 to 24 inches, 3 canes and up.....	-----	18.00	150.00
2 to 3 feet, 4 canes and up.....	-----	21.00	180.00
3 to 4 feet, 4 canes and up.....	-----	24.00	220.00

PRUNUS, Ornamental Plums. (See Deciduous Trees).

RHODOTYPOS kerriodes, Jetbead (White Kerria). 4-5 ft.

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

12 to 18 inches.....	4.50	40.00	350.00
18 to 24 inches.....	6.00	55.00	500.00
2 to 3 feet.....	7.00	65.00	-----

RHUS canadensis (aromatica). Fragrant Sumac. 5-6 ft.

Aromatic shrub. Small yellowish flowers April-May, followed by red berries.

12 to 18 inches.....	3.20	28.00	-----
18 to 24 inches.....	5.50	50.00	450.00
2 to 3 feet.....	6.50	60.00	-----

cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers. July-August, making a fine specimen.

12 to 18 inches.....	5.00	45.00	-----
18 to 24 inches.....	7.00	65.00	-----
2 to 3 feet.....	9.00	85.00	-----
3 to 4 feet.....	12.50	110.00	-----

glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries. Aug.-Sept.

18 to 24 inches.....	3.20	28.00	-----
2 to 3 feet.....	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

RHUS—Continued

typhina, Staghorn Sumac. 15-25 ft.		Per 10	Per 100	Per 1000
Greenish flowers in dense terminal panicles, clusters of crimson berries.				
18 to 24 inches		\$ 3.20	\$ 28.00	\$ -----
2 to 3 feet		4.50	40.00	-----

typhina laciniata, Cutleaf Staghorn Sumac. 20-25 ft.

Rapid grower, attractive, long feathery leaves finely cut.				
12 to 18 inches		2.40	20.00	-----
18 to 24 inches		3.20	28.00	-----
2 to 3 feet		4.50	40.00	-----

RIBES alpinum, Alpine Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. April-May. Scarlet fruit.		Small, greenish		
9 to 12 inches		3.50	30.00	-----
12 to 15 inches		4.50	40.00	-----
15 to 18 inches		6.50	60.00	-----

odoratum, Golden Currant (aureum). 8-10 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.				
12 to 18 inches		3.50	30.00	-----
18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----

ROSE ACACIA, Robinia hispida, (Grafted Stock.) 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.				
12 to 18 inches		2.90	25.00	-----
18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----
3 to 4 feet		7.00	65.00	-----

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.				
12 to 15 inches		2.25	19.00	160.00
15 to 18 inches		2.60	22.00	200.00
18 to 24 inches		3.20	28.00	250.00
2 to 2½ feet		4.50	40.00	350.00

Pussy, Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.				
18 to 24 inches		2.50	22.00	-----
2 to 3 feet		3.50	30.00	-----
3 to 4 feet		4.50	40.00	-----
4 to 5 feet		6.50	60.00	-----

SHEPHERDIA argentea, Silver Buffaloberry. 10-12 ft.

Hardy shrub or ornamental tree with silvery foliage. Small yellowish flowers. May-June.				
12 to 18 inches		3.50	30.00	-----
18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----

SNOWBALL. (See Viburnum).**SORBARIA sorbifolia, Ural False Spirea.** 5-6 ft.

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers. June-July.				
18 to 24 inches		4.50	40.00	-----
2 to 3 feet		5.50	50.00	-----

SPIREA Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.				
9 to 12 inches		2.90	25.00	-----
12 to 15 inches		4.00	35.00	-----
15 to 18 inches		5.00	45.00	-----

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

		Per 10	Per 100	Per 1000
12 to 18 inches		\$ 2.90	\$ 25.00	\$ -----
18 to 24 inches		4.00	35.00	-----
2 to 3 feet		5.00	45.00	-----

Billiard Spirea, billardi. 5-6 ft.

Bright pink flowers in spikes. July-September.

12 to 18 inches		2.90	25.00	220.00
18 to 24 inches		4.00	35.00	300.00
2 to 3 feet		5.00	45.00	400.00

Blue Mist, Spirea (See Caryopteris)**bumalda superba. 3-5 ft.**

Dwarf variety. Vigorous and hardy as Froebel, more upright. Bright pink, flowers, beautiful purplish foliage, in Autumn.

12 to 18 inches		3.20	28.00	-----
18 to 24 inches		4.00	35.00	-----
2 to 2½ feet		5.00	45.00	-----

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers. May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

12 to 18 inches		3.50	30.00	-----
18 to 24 inches		4.00	35.00	-----

japonica ovalifolia, Japanese White (Callosa Alba). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

9 to 12 inches		2.90	25.00	-----
12 to 15 inches		4.50	40.00	-----
15 to 18 inches		5.50	50.00	-----
18 to 24 inches		6.50	60.00	-----

opulifolius, Ninebark. (See Physocarpus.)**prunifolia, Double Bridalwreath. 5-6 ft.**

Small plum-like, double white flowers blooming profusely. Hardy.

12 to 18 inches		2.90	25.00	-----
18 to 24 inches		4.00	35.00	-----
2 to 3 feet		5.00	45.00	-----

sorbifolia. (See Sorbaria.)**Thunbergi, Spirea thunbergi. 3-4 ft.**

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers. April.

12 to 18 inches		2.90	25.00	-----
18 to 24 inches		4.50	40.00	350.00
2 to 2½ feet		5.00	45.00	-----

Vanhoutte, Spirea van houttei. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

12 to 18 inches		2.40	21.00	180.00
18 to 24 inches		3.20	28.00	240.00
2 to 3 feet		4.00	35.00	300.00
3 to 4 feet		5.00	45.00	-----

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS, Snowberry**alba, (racemosus) Common Snowberry. 6-7 ft.**

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 1.90	\$ 16.00	\$ -----
18 to 24 inches	2.50	22.00	200.00
2 to 3 feet	3.20	28.00	250.00

chenaultii, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.	2.10	18.00	-----
12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	3.50	30.00	270.00

vulgaris, (orbiculatus) Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.	1.90	16.00	140.00
12 to 18 inches	2.50	22.00	200.00
2 to 3 feet	3.20	28.00	-----

SUMAC. (See Rhus)**TAMARIX**

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches	2.90	25.00	-----
18 to 24 inches	4.00	35.00	300.00
2 to 3 feet	5.00	45.00	400.00
3 to 4 feet	5.50	50.00	450.00

SILVER FOLIAGE VARIETIES**amurensis, Amur Tamarix, Hort. Variety Pentandra. 8-10 ft.**

Strong growing, hardy shrub with purple branches, silvery foliage with pink flowers in large panicles.

hispida, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers. June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

odessana, Odessa Tamarix. 6-8 ft.

Upright slender branches. Light silver foliage, light pink flowers in slender racemes.

GREEN FOLIAGE VARIETIES**africana, African Tamarix. 12-15 ft.**

Feathery green foliage, pink flowers early in spring before leaves.

gallica indica, India Tamarix. 10-12 ft.

Upright grower, green foliage, pink flowers, May.

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
9 to 12 inches	\$ 2.10	\$ 18.00	\$ -----
12 to 18 inches	4.00	35.00	320.00
18 to 24 inches	5.50	50.00	450.00
2 to 3 feet	7.00	65.00	-----

dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

✓ *lentago*, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Shining green leaves. Large blue-black fruit.	Per 10	Per 100	Per 1000
18 to 24 inches	\$ 4.50	\$ 40.00	\$ -----
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	7.00	65.00	-----

✓ *molle*, Kentucky Viburnum. 8-10 ft.

Similar to *Dentatum*. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	450.00

✓ *opulus*, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 inches	3.50	30.00	---
18 to 24 inches	5.00	45.00	400.00
2 to 3 feet	6.00	55.00	500.00

✓ *opuscula*, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

12 to 18 inches	4.00	35.00	-----
18 to 24 inches	5.50	50.00	450.00
2 to 3 feet	7.00	65.00	600.00

✓ *sieboldii*, Siebold Viburnum. 10 ft.

Deciduous shrub, with stout branches and handsome dark green foliage, large for the genus.

12 to 18 inches	4.00	35.00	-----
18 to 24 inches	5.50	50.00	-----
2 to 3 feet	7.00	65.00	-----

WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 4.00	\$ 35.00	\$ -----
18 to 24 inches	5.00	45.00	-----
2 to 3 feet	7.00	60.00	-----

Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 3.70	\$ 32.00	\$ 280.00
18 to 24 inches	5.00	45.00	400.00
2 to 3 feet	6.00	55.00	500.00

Dwarf Variegated, *nana variegata*. 5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers. May-June.

12 to 18 inches	3.50	30.00	-----
18 to 24 inches	5.00	45.00	-----

rosea, (florida) Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers. May-June.

12 to 18 inches	3.20	28.00	250.00
18 to 24 inches	4.50	40.00	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued**HEDGING**

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, *Berberis thunbergi*, Japanese Barberry.

	Per 10	Per 100	Per 1000
9 to 12 inches, 2 year seedlings, branched-----	\$ -----	\$ 8.50	\$ 75.00
12 to 18 inches, 2 year seedlings, branched-----	-----	11.00	100.00
18 to 24 inches, 2 year seedlings, branched-----	-----	16.00	140.00
12 to 15 inches, transplanted, 2 year branched, bushy -----	-----	21.00	180.00

Red Leaved, *atropurpurea*.

9 to 12 inches, 2 year Seedlings, branched-----	-----	11.00	100.00
12 to 15 inches, 2 year Seedlings, branched-----	-----	17.00	140.00
15 to 18 inches, 2 year Seedlings, branched-----	-----	21.00	180.00

BUCKTHORN CATHARTICA, *Rhamnus cathartica*.

12 to 18 inches-----	-----	4.50	40.00
18 to 24 inches-----	-----	5.60	50.00

CARAGANA, *aborescens*, Siberian Peatree.

12 to 18 inches, seedlings-----	-----	3.50	30.00
18 to 24 inches, seedlings-----	-----	4.50	40.00
2 to 3 feet, seedlings-----	-----	6.00	55.00

ELM CHINESE. (See Deciduous Tree Seedlings).**HONEYSUCKLE, Tatarian, *Lonicera tatarica*.**

9 to 12 inches (cutting grown)-----	-----	8.50	75.00
12 to 18 inches (cutting grown)-----	-----	11.00	100.00
18 to 24 inches (cutting grown)-----	-----	16.00	140.00
6 to 9 inches (seedlings)-----	-----	4.00	35.00
9 to 12 inches (seedlings)-----	-----	5.60	50.00
12 to 18 inches (seedlings)-----	-----	7.50	65.00
18 to 24 inches (seedlings)-----	-----	11.00	100.00

MULBERRY, Russian, *Morus tatarica*.

6 to 12 inches-----	-----	1.20	10.00
12 to 18 inches-----	-----	1.90	16.00
18 to 24 inches-----	-----	2.90	25.00

PRIVET. (See Shrubs.)**RUSSIAN OLIVE, *Elaeagnus angustifolia*.**

6 to 12 inches-----	-----	2.40	20.00
12 to 18 inches-----	-----	3.50	30.00
18 to 24 inches-----	-----	5.00	45.00
2 to 3 feet-----	-----	7.50	65.00

SPIREA Vanhoutte.

10 to 15 inches-----	-----	8.50	75.00
12 to 18 inches-----	-----	12.00	100.00
18 to 24 inches-----	-----	15.50	140.00

VINES

Tied 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, Boston Ivy, *Parthenocissus tricuspidata* (veitchii). 30-40 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

	Per 10	Per 100	Per 1000
2 year Medium-----	\$ 3.50	\$ 30.00	\$ -----
2 year No. 1-----	4.50	40.00	350.00
3 year No. 1-----	5.50	50.00	-----

VINES—Continued

AMPELOPSIS—Continued

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

	Per 10	Per 100	Per 1000
2 year Medium	\$ 2.90	\$ 25.00	\$ -----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

ARISTO siphon, Dutchmans Pipe. 30-40 ft.

Rapid growing hardy vine with large attractive round leaves. Odd shaped, brownish flowers resembling pipes in May-June.

2 year Medium	6.00	-----	-----
2 year No. 1	7.50	-----	-----

BIGNONIA, (Campsis) radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers.
*2½ inch, DORMANT, pot plants

Jackmani, purple	Mme. Edouard Andre, red
Henryi, white	Ramona, light blue

Ernest Markham. New large-flowering Red Clematis. Velvety structure. Edge of bloom vaguely crinkled.

	Per 10	Per 100	Per 1000
*2½ inch, DORMANT, pot plants	\$ 6.50	\$ 60.00	\$ -----

*FOR SPRING ONLY.

paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in Sept.

2 year Medium	\$ 4.50	\$ 40.00	\$ -----
2 year No. 1	5.50	50.00	-----
3 year No. 1	6.50	60.00	-----

VINES—Continued

EUONYMUS radicans, (fortunei) Wintercreeper.	5-6 ft.	Per 10	Per 100	Per 1000
Evergreen, shining deep green foliage. Upright habit. Needs some protection.				
2 year Medium		\$ 5.50	\$ 50.00	\$450.00
2 year No. 1		6.50	60.00	550.00

radicans coloratus, Purpleleaf Wintercreeper.

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.	4.50	40.00	-----
2 year Medium	4.50	40.00	-----
2 year No. 1	5.50	50.00	-----

radicans vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen, dark green, thick leaves, producing bright scarlet berries.	6.00	55.00	-----
2 year Medium	6.00	55.00	-----
2 year No. 1	7.50	-----	-----

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.	1.80	15.00	-----
2½ inch pot plants	1.80	15.00	-----

HONEYSUCKLE, Lonicera**Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.	4.00	35.00	-----
2 year Medium	4.00	35.00	-----
2 year No. 1	4.50	40.00	-----

Hall's Japan, japonica halleiana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.	2.10	18.00	160.00
2 year Medium	2.10	18.00	160.00
2 year No. 1	2.60	22.50	200.00

3 year No. 1	2.90	25.00	-----
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heckrottii, (Summer King). 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy	4.00	35.00	-----
2 year Medium	4.00	35.00	-----
2 year No. 1	4.50	40.00	-----

reticulata aurea, 10 ft.

Medium sized leaves veined handsomely yellow. Flowers white, changing to yellow, often purplish outside, very fragrant. July-August.	2.40	-----	-----
2 year Medium	2.40	-----	-----
2 year No. 1	2.90	-----	-----

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.	2.90	25.00	-----
2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	270.00
3 year No. 1	4.00	35.00	-----

tellmanniana, Golden Giant Honeysuckle.

This desirable hybrid with its rich yellow blooms, shaded bronzy red, is free flowering and vigorous in growth.	4.50	-----	-----
2 year Medium	4.50	-----	-----
2 year No. 1	5.50	-----	-----

POLYGONUM auberti, Silvervine Fleeceflower. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.	3.50	30.00	-----
2 year Medium	3.50	30.00	-----
2 year No. 1	4.50	40.00	-----

VINES—Continued**POLYGONUM—Continued*****reynoutria**

Light green foliage, turns brilliant in fall. One of the finest ground covers. Thrives best in full sunlight; hovers 4 to 12 inches from soil. Blooms in fall; fragrant, airy pink sprays similar to Silver Lace Vines. Deep red buds, foliage brilliant red in fall.

2 year No. 1 Heavy----- \$ 5.50 \$ ----- \$ -----

FALL SHIPMENT ONLY.*WISTERIA, American frutescens. 20-25 ft.**

Tall, vigorous climber. Lilac purple flowers. June-July.

2 year Medium, grown from blooming wood----- 2.90 25.00 -----

2 year No. 1, grown from blooming wood----- 4.00 35.00 -----

3 year No. 1, grown from blooming wood----- 4.50 40.00 -----

floribunda alba, (multijuga) Long Cluster Wisteria. 30-40 ft.

Long clusters showy white flowers. May.

2 year No. 1----- 5.50 ----- -----

floribunda Blue, (multijuga) Long Cluster Wisteria. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two feet long.

2 year No. 1----- 5.50 ----- -----



EVERGREENS FOR FALL 1954

Prices are for Evergreens Securely Balled and Burlapped.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 20% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

WE CANNOT ASSUME RESPONSIBILITY FOR THE SUCCESSFUL TRANSPLANTING OF EVERGREENS, AS WEATHER CONDITIONS, METHOD OF HANDLING AND CARE GOVERN RESULTS SECURED AND ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES.

THE FOLLOWING EVERGREENS ARE OFFERED ONLY IN CONNECTION WITH ASSORTED ORDERS.

FIR, Abies.

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

	Per 10	Per 100
2 to 3 feet	\$37.50	\$
3 to 4 feet	42.50	-

IOWA STATE COLLEGE INTRODUCTIONS

The following varieties were introduced by the late Professor T. J. Maney of Iowa State College. These varieties have been tested and proven of superior quality for hardiness. We recommend them highly.

JUNIPER, Juniperus

CHINENSIS AMES

The body of this variety is broad, tapering to a pointed terminal top. Outstanding green color. Upright.

	Per 10	Per 100
18 to 24 inches	\$37.50	\$

CHINENSIS IOWA

This is a semi-upright variety growing in an irregular form. Very useful where an intermediate growing variety is required.

18 to 24 inches	37.50	-
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CHINENSIS MANEYI

A valuable hardy prostrate variety that can be used in shaded areas where other varieties do not do well.

18 to 24 inches	37.50	-
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CHINENSIS COLUMNARIS GLAUCA

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

4 to 5 feet	67.50	625.00
5 to 6 feet	77.50	750.00
6 to 7 feet	87.50	850.00
7 to 8 feet	110.00	1000.00

EVERGREENS—Continued**JUNIPER—Continued**

CHINENSIS PFITZERIANA, Pfitzer Juniper. 5-6 ft.	Per 10	Per 100
Handsome gray green foliage. A valuable hardy prostrate variety succeeding almost everywhere.		
15 to 18 inches.....	\$35.00	\$300.00
18 to 24 inches.....	40.00	350.00
2 to 2½ feet.....	45.00	400.00
2½ to 3 feet (Staked Upright).....	55.00	500.00
3 to 3½ feet (" ").....	65.00	600.00
3½ to 4 feet (" ").....	75.00	700.00
4 to 4½ feet (" ").....	85.00	—

CHINENSIS PFITZERIANA AUREA. Golden Pfitzer.

Golden type of Pfitzer with bright yellow foliage on new growth.		
15 to 18 inches.....	30.00	275.00
18 to 24 inches.....	35.00	325.00
2 to 2½ feet.....	40.00	—

CHINENSIS PFITZERIANA HETZII GLAUCA

Blue type of Pfitzer. A new prostrate of merit.		
15 to 18 inches.....	27.50	250.00
18 to 24 inches.....	32.50	300.00
2 to 2½ feet.....	37.50	350.00

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.		
15 to 18 inches.....	25.00	225.00
18 to 24 inches.....	30.00	275.00
2 to 2½ feet.....	35.00	325.00

COMMUNIS HIBERNIA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.		
2 to 3 feet.....	27.50	250.00
3 to 4 feet.....	35.00	325.00
4 to 5 feet.....	42.50	400.00
5 to 6 feet.....	47.50	450.00

EXCELSA STRICTA, Spiny Greek Juniper. 4-5 ft.

Grows rather broad, tapering to a pointed terminal top. Gray-green foliage.		
15 to 18 inches.....	17.50	—
18 to 24 inches.....	22.50	200.00
2 to 2½ feet.....	27.50	250.00
2½ to 3 feet.....	30.00	—
3 to 3½ feet.....	40.00	—

PROCUMBENS, Creeping Chinese Juniper.

The best of creepers. Foliage bright bluish cast. Will grow anywhere.		
15 to 18 inches.....	27.50	—

SABINA, Savins Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and underplanting.		
15 to 18 inches.....	27.50	250.00
18 to 24 inches.....	32.50	300.00
2 to 2½ feet.....	37.50	350.00
2½ to 3 feet.....	42.50	400.00

EVERGREENS—Continued**JUNIPER—Continued****MOUNT ARBOR INTRODUCTIONS**

The following varieties were selected from a seedling block of Colorado Scopulorum in our nursery.

Although there were eight outstanding green types, we have selected these four as the most promising.

SCOPULORUM ADMIRAL (J-8-A). 20-30 ft.

	Per 10	Per 100
Bushy, broad, pyramidal habit of growth. Plum-like gray-green foliage.		
2½ to 3 feet	\$50.00	\$
3 to 3½ feet	60.00	
3½ to 4 feet	67.50	
4 to 4½ feet	75.00	

SCOPULORUM COMMANDO (J-4-A). 20-30 ft.

Another Mount Arbor introduction of formal pyramidal habit of growth. Dark green foliage which requires very little shearing.

2½ to 3 feet	50.00	
3 to 3½ feet	60.00	
3½ to 4 feet	67.50	
4 to 4½ feet	75.00	

SCOPULORUM PYRAMIDAL GREEN (J-2-A). 20-30 ft.

Foliage similar to virginiana schotti. Upright pyramidal habit of growth. Heavy foliage.

2½ to 3 feet	50.00	
3 to 3½ feet	60.00	

SCOPULORUM SPRINGTIME (J-7-A). 20-30 ft.

A new Mount Arbor introduction listed for the first time. This is one of the finest dark green scopulorums introduced. Pyramidal habit of growth.

2½ to 3 feet	50.00	
3 to 3½ feet	60.00	
3½ to 4 feet	67.50	
4 to 4½ feet	75.00	
4½ to 5 feet	85.00	
5 to 6 feet	125.00	

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Per 10 Per 100

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy. Seedling type.

2½ to 3 feet	\$37.50	\$350.00
3 to 3½ feet	42.50	400.00
3½ to 4 feet	47.50	450.00
4 to 5 feet	55.00	500.00
5 to 6 feet	75.00	
15 x 15 inches (Globe Sheared)	22.50	
18 x 18 inches (" ")	27.50	
24 x 24 inches (" ")	32.50	

SCOPULORUM PATHFINDER. 20-25 ft.

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

2 to 2½ feet	40.00	
2½ to 3 feet	47.50	

SCOPULORUM WELCHI

Grafted columaris type scopulorum with greenish silver foliage. Pyramidal habit of growth retained without shearing.

2½ to 3 feet	47.50	
3 to 3½ feet	55.00	
3½ to 4 feet	62.50	

EVERGREENS—Continued**JUNIPER—Continued**

SQUAMATA MEYERI, Meyer Juniper. 6-8 ft.	Per 10	Per 100
Grows in an irregular form. Distinct foliage showing various shades.		
15 to 18 inches-----	\$27.50	\$ -----

VIRGINALIS, Hillbush Juniper. 4-5 ft.

Attractive dark green foliage. Slow growing upright branches. Vase shaped. Can be sheared into attractive globe form. Grafted.

15 to 18 inches-----	35.00	-----
18 to 24 inches-----	40.00	-----

VIRGINIANA, Red Cedar.

Platte River Strain. Deep green foliage, sometimes silver. Excellent globe tree if kept sheared. Can be sheared into any form.

2 to 3 feet-----	30.00	275.00
3 to 3½ feet-----	37.50	350.00
3½ to 4 feet-----	47.50	450.00
4 to 5 feet-----	55.00	500.00
5 to 6 feet-----	65.00	600.00

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

2½ to 3 feet-----	47.50	-----
3 to 3½ feet-----	55.00	-----

VIRGINIANA CANNARTI, Cannart Red Cedar.

Foliage deep, rich green. One of the best of the many grafted varieties.

2½ to 3 feet-----	47.50	-----
3 to 3½ feet-----	55.00	-----
3½ to 4 feet-----	62.50	-----

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

2½ to 3 feet-----	47.50	-----
3 to 3½ feet-----	55.00	-----
3½ to 4 feet-----	62.50	-----

VIRGINIANA PYRAMIDALIS HILLI. 10-15 ft.

Upright evergreen with dark green foliage. Slow growing. Grafted.

2 to 2½ feet-----	40.00	-----
2½ to 3 feet-----	47.50	-----
3 to 3½ feet-----	55.00	-----

VIRGINIANA PYRAMIDIFORMIS. Dundee Juniper.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

2½ to 3 feet-----	47.50	-----
3 to 3½ feet-----	55.00	-----
3½ to 4 feet-----	62.50	-----

PINE, Pinus**NIGRA, Austrian Pine.** 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

2 to 3 feet-----	35.00	-----
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MONTEREY, Monterey Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

2 to 3 feet-----	35.00	-----
3 to 4 feet-----	55.00	-----
4 to 5 feet-----	75.00	-----

EVERGREENS—Continued**SPRUCE, Picea****CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.**

	Per 10	Per 100
Hardiest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.		
18 to 24 inches	\$27.50	\$250.00
2 to 2½ feet	32.50	
2½ to 3 feet	37.50	

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for windbreaks and general planting. Rapid growth.

2 to 3 feet	35.00	
3 to 4 feet	40.00	
4 to 5 feet	55.00	

PUNGENS, Colorado Green Spruce. 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy trees. Succeeds in dry climates.

2 to 2½ feet	32.50	300.00
2½ to 3 feet	37.50	350.00
3 to 3½ feet	42.50	

PUNGENS GLAUCA, Colorado Blue Spruce. 60-80 ft.

Select Seedling type. Foliage running from blue to silvery white. Very popular for lawn planting.

2 to 2½ feet	50.00	
2½ to 3 feet	65.00	
3 to 3½ feet	80.00	

EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

SHIPMENT — DIRECT FROM FREMONT, NEBRASKA. ORDER EARLY.

Root pruned grades are available for SPRING ONLY.

50 of any variety and size at the hundred rate.

KEY—TTT—Three times transplanted. RP—root Pruned

OUR ROOT PRUNED STOCK WILL PLEASE YOU**ABIES CONCOLOR, concolor Fir.**

	Per 10	Per 100
6 to 9 inches R.P.	\$ 2.00	\$ 15.00
4 to 6 inches R.P.	1.30	10.00
9 to 12 inches TTT	5.00	45.00
6 to 9 inches TTT	4.00	35.00

ABIES DOUGLASI, Douglas Fir.

6 to 9 inches R.P.	1.00	8.00
4 to 6 inches R.P.	.80	6.00
12 to 15 inches TTT	5.00	45.00
9 to 12 inches TTT	4.00	35.00

JUNIPERUS ANDORRA PLUMOSA, Andorra Juniper.

12 to 15 inches TTT	7.50	70.00
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JUNIPERUS HIBERNICA FASTIGIATA (Irish Juniper).

9 to 12 inches, TTT	5.00	45.00
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JUNIPERUS PFITZERIANA, Pfitzer Juniper.

12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	6.50	60.00

JUNIPERUS PFITZERIANA GLAUCA — Hetzi Blue Juniper.

12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	6.50	60.00

EVERGREENS FOR LINING OUT—Continued

JUNIPERUS SABINA , Savins Juniper.	Per 10	Per 100
15 to 18 inches TTT	\$12.00	\$110.00
12 to 15 inches TTT	8.00	75.00
9 to 12 inches TTT	6.00	55.00
6 to 9 inches TTT	4.50	40.00
PICEA CANADENSIS ALBA , White Spruce.		
12 to 15 inches R.P.	1.80	15.00
9 to 12 inches R.P.	1.30	10.00
4 to 6 inches R.P.	.90	7.00
PICEA EXCELSA , Norway Spruce.		
12 to 15 inches R.P.	2.00	18.00
9 to 12 inches R.P.	1.20	9.00
6 to 9 inches R.P.	.90	7.00
4 to 6 inches R.P.	.70	5.00
18 to 24 inches TTT	6.00	55.00
15 to 18 inches TTT	5.00	45.00
12 to 15 inches TTT	4.50	40.00
9 to 12 inches TTT	3.50	30.00
PINUS BANKSIANA , Jack Pine.		
12 to 18 inches R.P.	2.00	15.00
9 to 12 inches R.P.	1.00	8.00
PINUS EDULIS , Nut-Pinon Pine.		
12 to 15 inches R.P.	2.00	18.00
9 to 12 inches R.P.	1.20	10.00
6 to 9 inches R.P.	.80	7.00
4 to 6 inches R.P.	.60	5.00
PINUS MUGHUS , Mugho Pine (dwarf)		
12 to 15 inches TTT	12.00	110.00
6 to 9 inches TTT	5.00	45.00
PINUS NIGRA , Austrian Pine.		
12 to 18 inches R.P.	3.00	25.00
9 to 12 inches R.P.	1.20	10.00
6 to 9 inches R.P.	.90	7.00
PINUS PONDEROSA , Bull Pine or Western Yellow.		
18 to 24 inches R.P.	3.50	30.00
12 to 18 inches R.P.	3.00	25.00
9 to 12 inches R.P.	1.20	10.00
6 to 9 inches R.P.	.90	7.00
PINUS STROBUS , Northern White Pine.		
18 to 24 inches R.P.	3.50	30.00
12 to 18 inches R.P.	3.00	25.00
9 to 12 inches R.P.	1.20	10.00
PINUS SYLVESTRIS , Scotch Pine.		
18 to 24 inches R.P.	3.00	25.00
12 to 18 inches R.P.	2.00	17.00
9 to 12 inches R.P.	1.00	8.00
6 to 9 inches R.P.	.80	6.00
THUYA OCCIDENTALIS PYRAMDALIS (Pyramidal Arbor Vitae).		
18 to 24 inches TTT	10.00	90.00
15 to 18 inches TTT	8.50	80.00
9 to 12 inches TTT	5.00	45.00
THUJA OCCIDENTALIS WOODWARDI , Woodward's Globe.		
12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	5.00	45.00
6 to 9 inches TTT	4.00	35.00
THUJA ORIENTALIS COMPACTA , Chinese Arbor Vitae.		
9 to 12 inches R.P.	1.50	12.00
6 to 9 inches R.P.	1.00	8.00

HOW TO SUCCEED WITH POTTED ROSES

These suggestions are based on information supplied by customers who have successfully grown roses in pots for several years. As there is a wide difference in soil and climatic conditions, proper allowance must be made for any unusual conditions in your area.

1. When To Pot Roses

Arbitrary dates can not be established as this date is influenced by local weather, facilities to protect plants in leaf from damaging frosts, when you wish to start selling, etc. Unless you have facilities to protect from damaging frosts, bushes should not be forced into leaf before all danger of freeze damage is past.

2. Preparation Of Potting Soil

It is important that the soil drain well and not cake in pot. If you have good friable garden loam, use 4 parts dirt and 1 part (20% to 25%) fiber (i.e., 1 part sphagnum peat or rotted cow manure). If your soil is too heavy, use 3 parts soil, 1 part sand or Terralite or Vermiculite, and 1 part fiber. To above, add 10 to 12 lbs. 5-10-5 fertilizer for each cubic yard of soil.

Mix well and run through a soil shredder.

3. Pruning Bushes

Prune tops to 6 to 8 inches above bud. Cut roots to 6 to 8 inches.

4. Planting Bush In Pot

Put 3 to 4 inches prepared soil in bottom of pot. Hold bush centered in pot with roots spread in all directions (but not folded). Fill pot $\frac{1}{2}$ to $\frac{2}{3}$ full of prepared soil and carefully tamp it firmly around roots. Fill pot to 1 inch from the top with firmly tamped soil. Bud should be at soil line or slightly higher.

5. Care Of Potted Bushes In Frames

Frames should be located in a sunny, well drained area protected from severe winds. Set pots in frames separated 2 to 4 inches on all sides to provide proper aeration. Soak well with water.

Cover frames with burlap which hangs well over edges and is fastened so winds will not disturb. Or, pack clean hay or straw firmly around top branches. Keep this burlap or hay moist at all times. Do not remove until eyes on most bushes begin to show green.

IT IS IMPERATIVE THAT HIGH HUMIDITY BE MAINTAINED UNDER BURLAP AND CANES ARE NOT PERMITTED TO DRY-OUT.

6. Foliar Feeding After Foliage Appears

Excellent results are secured with the newer water soluble fertilizers applied as you water the plants. If used as directed on container, root and top growth are stimulated without damage.

R O S E S

Northern California Grown Under Irrigation

Our roses are Northern California grown, available for shipment from Shenandoah after early February. They are carefully grown; well sprayed during the growing season and dug only when well ripened. All are carefully graded under our personal supervision and with our exceptional storage facilities for storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

NEW SERVICES TO OUR CUSTOMERS

1. If you request it on your order, we will supply without charge, copper wired printed wood labels for each non-patented rose purchased from us.
2. Large 4-color pictures of most varieties of roses purchased from us, will be supplied at cost. Ask our Salesmen or write us.

T—Preceding variety indicates comparative tall growing varieties.

M—Preceding variety indicates comparative medium growing varieties.

S—Preceding variety indicates comparative short growing variety.

Figures following variety indicates rating by American Rose Society.

All Roses are tied No. 1 and No. 1½, 10 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1 -----	\$ 6.50	\$ 60.00	\$550.00
No. 1½ -----	5.25	47.50	425.00

RED SHADES

- M Ami Quinard**, (6.2). Velvety crimson-maroon, vigorous and profuse.
- M Christopher Stone**, (8.8). Free blooming plant producing fragrant, velvety-textured roses of vivid-scarlet deliciously scented.
- S Crimson Glory**, (9.5). Well known deep velvety-crimson of merit.
- M E. G. Hill**, (6.5). Great massive blooms of deep velvety-maroon.
- T Ena Harkness**, (6.4). Famous English award winner producing crimson-scarlet blooms. Holds color well.
- M Etoile de Hollande**, (8.9). Dark velvety-red with fine fragrance.
- M Gruss an Teplitz**, (7.1). Medium sized, dark maroon blooms in clusters. Very hardy.
- M Margaret McGredy**, (7.7). Full blooms of orange-scarlet.
- M McGredy's Scarlet**, (7.9). Large brilliant scarlet shaded rose-pink.
- S Nigger Boy**, (8.9). Double, high-centered, fragrant. Dark velvety, blackish maroon.
- M Night**, (6.4). Best of the deep dark reds. Buds and flowers are well shaped, double. Spicy, clove and cinnamon fragrance. Vigorous grower.
- T Poinsettia**, (8.4). Bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.
- T Radiance Red**, (8.0). Bright rose-red, form of Radiance.
- M Rouge Mallerin**, (6.5). Double, well formed blooms of striking and lasting deep red.

PINK SHADES

- M Betty Uprichard**, (7.9). Salmon-pink stained with coppery-red.
- M Briarcliff**, (6.7). Handsome flowers of silvery rose-pink.
- M Dame Edith Helen**, (6.4). Excellent shape, glowing pink, double.
- M Editor McFarland**, (7.7). Shapely buds and double, brilliant pink blooms.
- M Numa Fay**, (7.5). Large, well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.
- M Picture**, (8.4). Velvety-clear rose-pink with undertones of salmon. Very double.
- M Pink Dawn**, (7.1). Perfectly formed, pink buds touched with salmon-rose.
- T Radiance Pink**, (8.2). Large, brilliant rose-pink. Very fragrant.
- M The Doctor**, (7.9). Large, beautiful buds opening to enormous semi-double, cupped flowers of satiny-pink. Fragrant. Plant vigorous and bushy.

ROSES—Continued

HYBRID TEA AND EVERBLOOMING—Continued

YELLOW SHADES

- T **Eclipse**, (8.5). Long streamlined bud, rich gold without shading.
 S **Golden Dawn**, (8.1). Bud rich sunflower-yellow flushed old rose. Double.
 M **Golden Rapture**, (6.1). Long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.
 M **Joanna Hill**, (7.3). Large, yellow with bronze shadings in center. Fragrant, vigorous.
 M **McGredy's Yellow**, (7.9). Bright buttercup yellow with perfect form. Fragrant.
 M **Mrs. E. P. Thom**, (7.1). Large, well shaped, bright canary yellow.
 M **Mrs. Pierre S. duPont**, (7.8). Bud reddish-gold, flower golden-yellow, lighter with age.
 M **Phyllis Gold**, (6.3). Bright yellow with good form.
 T **Soeur Therese**, (7.9). Double blooms of rich yellow. Vigorous.
 T **Yellow Sastago**, (7.0). Vigorous yellow sport of the popular bush variety.

TWO-TONED SHADES

- M **Autumn**, (6.5). Double blooms of orange, yellow and red. Vigorous and upright.
 S **Bright Wings**, (7.1). Bud long-pointed, rosy orange; large double, cupped, orange center shading to pink; strong stem.
 T **Condesa de Sastago**, (7.9). Deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific.
 M **Contrast**, (6.8). Long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.
 M **Countess Vandal**, (8.0). Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.
 M **Duquesa de Penaranda**, (7.9). Beautiful deep apricot.
 S **Hinrich Gaede**, (6.9). Bright vermillion toned gold; good form; fragrant, a distinct and excellent variety.
 M **Mme. Joseph Perraud**, (7.8). High-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center. An excellent variety of superior quality.
 M **Mrs. Sam McGredy**, (8.3). A large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.
 T **Pres. Herbert Hoover**, (8.2). Beautifully colored buds and blooms of yellow with pink and flame tints.
 T **Talisman**, (8.3). Glowing golden-yellow stained copper red.

WHITE SHADES

- M **Caledonia**, (5.6). Large double white; long buds opening to large, double flowers.
 T **K. A. Viktoria**, (7.2). Popular, snowy white, double.
 M **McGredy's Ivory**, (7.8). Large, well shaped, creamy-white; fragrant.
 M **Mme. Jules Bouche**, (7.3). White with blush tints in center.
 M **Pedralbes**, (8.0). Large, creamy-white opening to pure white with a yellow center. Airy fragrance.
 S **Snowbird**, (7.6). Most prolific, pure white bedding rose. Full-petaled and perfectly formed.

HYBRID PERPETUAL

	Per 10	Per 100	Per 1000
No. 1 -----	\$ 6.50	\$ 60.00	\$ 550.00
No. 1½ -----	5.25	47.50	425.00

RED SHADES

- M **Ulrich Brunner**, (7.1). Large, fine shaped blossoms of cherry red.

WHITE SHADES

- T **Frau Karl Druschki**, (8.0). Very popular large pure white.

ROSES—Continued**BABY ROSES—Dwarf Polyantha and Floribunda**

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. XX Heavy	7.50	70.00	—

M ***Alain**, (8.0). Bright carmine-red blooms come in clusters all over the densely branching plants; a good clear, lasting color. Semi-double, with large, bright golden centers. Thick foliage on strong green stems and husky plants. 2½ feet tall.

M **Baby Chateau**, (7.3). Deep red massive blooms. One of the best of its type.

S ***Cameo**, (7.8). A distinct shade of shell-pink and salmon, with a glow of gold.

M **Cheer**, (7.7). Ovoid orange-pink, with large blooms about four inches, opening gracefully in large clusters. Vigorous, prolific.

M ***Dagmar Spaeth**, (8.2). Alabaster white edged pink.

T ***Ellen Poulsen**, (7.6). Double, bright rose-pink, fragrant.

T ***Else Poulsen**, (8.7). Bright, rose-pink, semi-double, lasting.

M ***Eutin**, (8.6). Large clusters of very double, deep red flowers on a vigorous mildew resistant bush.

T ***Floradora**, (8.2). Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 award.

M ***Frensham**, (8.2). Large, semi-double, slightly fragrant, deep crimson. Foliage dark, leathery. Very vigorous, bushy; abundant bloom.

S **Gloria Mundi**, (6.6). Large, fully double lasting, orange-scarlet, borne in clusters.

S **Golden Salmon**, (6.5). Bright orange-salmon. Fine for mass planting, blooms continually.

S **Ideal**, (...). Dark scarlet, borne in profusion. Immense compact bunches.

T ***Kirsten Poulsen**, (7.8). Bright scarlet in clusters on long stems.

M ***Lafayette Improved**, (7.3). Large clusters of bright cherry-crimson.

S **Orange Triumph**, (8.1). Salmon-red with orange shadings, blooming in enormous clusters.

T **Permanent Wave**, (8.1). Large semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish.

S ***Pink Gruss an Aachen**, (7.4). Deep salmon rose colored sport of Gruss an Aachen.

S **Poulsen's Bedder**, (7.6). Strong upright plant attaining a height of about 3 ft., producing masses of big, slightly ruffled blooms of clear rich pink. Long lasting.

M ***Poulsen's Yellow**, (5.6). Bud copper, yellow flowers semi-double, intensely fragrant.

M ***Red Ripples**, (7.8). Flowers semi-double, open, slightly fragrant, oxblood-red to carmine.

S ***Rochester**, (6.8). Bud long-pointed, orange with carmine markings; flower large, fragrant, buff, reverse orange-carmine.

M ***Rose Elfe (Rosenelfe)**, (8.9). Very large, double, high-centered, La France pink; cluster on long, strong stem.

M **Triomphe Orleanais**, (6.9). Large clusters of cherry-red.

***FLORIBUNDA AND HYBRID POLYANTHA VARIETIES.**

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS

Agnes, double yellow Rugosa, fragrant, blooms early.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$ 6.50	\$ 60.00	\$ -----
18 to 24 inches.....	6.00	55.00	-----
12 to 18 inches.....	5.00	45.00	-----

Amelia Gravereaux, carmine-red, borne on long stem.

2 to 3 feet.....	6.50	60.00	-----
18 to 24 inches.....	6.00	55.00	-----
12 to 18 inches.....	5.00	45.00	-----

Austrian Copper, single brilliant orange-red flowers inside, and yellow outside.

2 to 3 feet.....	6.50	60.00	-----
18 to 24 inches.....	6.00	55.00	-----
12 to 18 inches.....	5.00	45.00	-----

Belle Poitevine, bright pink in clusters, everblooming.

2 to 3 feet.....	6.00	55.00	-----
18 to 24 inches.....	5.00	45.00	-----
12 to 18 inches.....	4.00	35.00	-----

Blanc Double de Coubert, large white flowers, fairly double, fragrant, Rugosa Alba sport.

2 to 3 feet.....	6.50	60.00	-----
18 to 24 inches.....	6.00	55.00	-----
12 to 18 inches.....	5.00	45.00	-----

Carolina, bright rose-pink flowers, borne singly in clusters.

2 to 3 feet.....	5.50	50.00	-----
18 to 24 inches.....	4.50	40.00	-----
12 to 18 inches.....	3.50	30.00	-----

F. J. Grootendorst, small bright red flowers in clusters.

2 to 3 feet.....	7.00	65.00	600.00
18 to 24 inches.....	6.00	55.00	500.00
12 to 18 inches.....	5.00	45.00	400.00

Grootendorst Pink, charming pink variety of Grootendorst.

2 to 3 feet.....	7.00	65.00	600.00
18 to 24 inches.....	6.00	55.00	500.00
12 to 18 inches.....	5.00	45.00	400.00

Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.

2 to 3 feet.....	7.00	65.00	-----
18 to 24 inches.....	6.00	55.00	-----
12 to 18 inches.....	5.00	45.00	-----

Hansa, double, reddish flowers of large size.

2 to 3 feet.....	7.00	65.00	600.00
18 to 24 inches.....	6.00	55.00	500.00
12 to 18 inches.....	5.00	45.00	400.00

Harrison's Yellow, semi-double, moderately fragrant, bright yellow.

2 to 3 feet.....	6.50	60.00	-----
18 to 24 inches.....	6.00	55.00	-----
12 to 18 inches.....	5.00	45.00	-----

ROSES—Continued**RUGOSA, HYBRID AND MISCELLANEOUS—Continued**

		Per 10	Per 100	Per 1000
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.				
3 to 4 feet	\$ 8.00	\$ 75.00	\$700.00	
2 to 3 feet	6.50	60.00	550.00	
18 to 24 inches	5.50	50.00	450.00	
12 to 18 inches	4.00	35.00	—	
Lucida , bright pink flowers followed by shining red fruit.				
2 to 3 feet	5.50	50.00	—	
18 to 24 inches	4.50	40.00	—	
12 to 18 inches	3.50	30.00	—	
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
2 to 3 feet	7.00	65.00	600.00	
18 to 24 inches	6.00	55.00	500.00	
12 to 18 inches	5.00	45.00	400.00	
Sarah Van Fleet , large, very fragrant, lasting, wild-rose pink flowers.				
2 to 3 feet	6.50	60.00	—	
18 to 24 inches	6.00	55.00	—	
12 to 18 inches	5.00	45.00	—	
Setigera , bright pink flowers, big clusters, blooms late.				
2 to 3 feet	5.50	50.00	—	
18 to 24 inches	4.50	40.00	—	
12 to 18 inches	3.50	30.00	—	
Sir Thomas Lipton , double snowy white flowers of good size.				
2 to 3 feet	6.50	60.00	—	
18 to 24 inches	5.50	50.00	—	
12 to 18 inches	4.50	40.00	—	
Skyrocket (Wilhelm) , Shrub rose with pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.				
2 to 3 feet	6.50	60.00	—	
18 to 24 inches	5.50	50.00	—	
12 to 18 inches	4.50	40.00	—	

Visitors are always welcome to inspect our rose fields at Gustine, California — 90 miles south and east from San Francisco or 22 miles south from Modesto.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**CLIMBERS AND RAMBLERS**

Our Climbing Roses are California grown, mostly own roots, excepting Climbing Hybrid Teas are Buds. They are well furnished plants, well graded and we are confident they will please

Per 10 Per 100 Per 1000

Aloha—See patented Roses for prices and descriptions.

American Pillar, single rose pink, white center, vigorous.

No. 1	\$ 5.50	\$ 50.00	\$ -----
No. 1½	4.50	40.00	-----
No. 2	3.50	30.00	-----

Blaze, (7.8). Hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet Crimson flower.

XX Heavy	7.00	65.00	-----
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	3.70	32.00	280.00

Brownell Hardy Climbers—See patented Roses for prices and description.

City of York, (8.8). Cupped, wild-rose fragrance, creamy white.

Foliage glossy, leathery. Very vigorous climbing; profuse bloom.			
No. 1	6.50	60.00	-----
No. 1½	5.50	50.00	-----
No. 2	3.70	32.00	-----

Climbing American Beauty, (7.6). Flowers rich red to Crimson.

XX Heavy	6.50	60.00	-----
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	250.00

Cl. Charlotte Armstrong—See Patented Roses for prices and description.

Climbing Crimson Glory—See Patented Roses for prices and description.

Climbing Forty-Niner—See Patented Roses for prices and description.

Climbing Goldilocks—See Patented Roses for prices and description.

Climbing Peace—See Patented Roses for prices and descriptions.

Climbing Hybrid Tea.

No. 1	7.00	65.00	600.00
No. 1½	6.00	55.00	-----

Etoile de Hollande, bright red.

Pink Radiance, large rose-pink.

Mrs. E. P. Thom, rich lemon yellow.

Pres. Hoover, maroon, orange and gold.

Mrs. P. S. duPont, golden yellow.

Talisman, yellow stained copper red.

Per 10 Per 100 Per 1000

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

No. 1	\$ 5.00	\$ 45.00	\$ 400.00
No. 1½	4.00	35.00	300.00
No. 2	2.50	22.00	-----

Dorothy Perkins, (6.1). Soft shell pink flowers.

No. 1	4.50	40.00	350.00
No. 1½	3.20	28.00	250.00
No. 2	2.40	20.00	-----

Doubloons, (7.1). Buds and flowers are clear golden yellow.

Vigorous and hardy.			
No. 1	6.50	60.00	-----
No. 1½	5.50	50.00	-----
No. 2	4.00	35.00	-----

Dr. J. H. Nicolas—See Patented Roses for prices and description.

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

Per 10 Per 100 Per 1000

Dr. Van Fleet, (8.7). Pale pink buds and flowers on long stems.

XX Heavy	\$ 6.50	\$ 60.00	\$ -----
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	250.00

Excelsa, double scarlet crimson blooms.

No. 1	4.50	40.00	350.00
No. 1½	3.20	28.00	250.00
No. 2	2.40	20.00	-----

Flower of Fairfield, deep crimson, similar to Crimson Rambler.

No. 1	5.00	45.00	-----
No. 1½	4.00	35.00	-----
No. 2	2.50	22.00	-----

Gardenia, yellow buds and creamy flowers with rich yellow centers.

No. 1	5.50	50.00	-----
No. 1½	4.50	40.00	-----
No. 2	2.90	25.00	-----

King Midas—See Patented Roses for prices and description.**Mary Wallace**, (8.1). Outstanding large flowered pink climber.

No. 1	6.00	55.00	-----
No. 1½	5.00	45.00	-----
No. 2	3.50	30.00	-----

New Dawn, (8.8). EVERBLOOMING CLIMBING ROSE. Apple blossom pink flowers with old-rose fragrance.

No. 1	6.50	60.00	-----
No. 1½	5.50	50.00	-----
No. 2	4.00	35.00	-----

Paul's Scarlet, (9.2). Intense scarlet flowers of excellent shape and good size, borne in clusters.

XX Heavy	6.50	60.00	-----
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	250.00

Primrose, hardy, double canary-yellow flowers.

No. 1	6.00	55.00	-----
No. 1½	5.00	45.00	-----
No. 2	3.50	30.00	-----

Royal Scarlet, similar to Paul's Scarlet but smaller and deeper in color.

XX Heavy	6.50	60.00	-----
No. 1	6.00	55.00	-----
No. 1½	5.00	45.00	-----
No. 2	3.20	28.00	-----

Seven Sisters, double, deep pink, borne in large clusters.

No. 1	4.50	40.00	-----
No. 1½	3.50	30.00	-----
No. 2	2.40	20.00	-----

Silver Moon, (7.9). Large buds, creamy white flowers and semi-double golden anthers, small sprays.

No. 1	4.50	40.00	-----
No. 1½	3.50	30.00	-----
No. 2	2.40	20.00	-----

Wichuriana (Memorial Rose). Clusters of white flowers trailing habit, glossy leaves, fine ground cover.

No. 1	4.50	40.00	-----
No. 1½	3.50	30.00	-----
No. 2	2.40	20.00	-----

ROSES—Continued**PATENTED HYBRID TEA ROSES**

We are offering the following Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified. Prices are NET.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Applause , (7.8). Patent No. 829. (Retails \$2.00 each; 3 or more \$1.75 each.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Winner of the much-prized BAGATELLE GOLD MEDAL.				
No. 1 -----	\$1.10	\$1.00	\$.95	\$.85
No. 1½ -----	.88	.80	.76	.68

T Capistrano, (7.6). Patent No. 922. (Retails \$2.00 each; 3 or more \$1.75 each.) Rich shade of

 deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.

No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68

M Charles Mallerin, (6.4). Patent No. 933. (Retails \$2.50 each; 3 or more \$2.20 each.) Originated in France by Francis Meilland. A gorgeous Rose with blooms of midnight crimson velvet. Broad and heavy; very fragrant.

No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88

T Charlotte Armstrong, (9.0). Patent No. 455. (Retails \$2.25 each; 3 or more \$2.00 each.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather, A.A.R.S. award for 1941.

No. 1 -----	1.25	1.12½	1.05	.95
No. 1½ -----	1.00	.90	.84	.76

M Chrysler Imperial, (8.4). Patent No. 1167. (Retails \$2.50 each; 3 or more \$2.20 each.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose. Its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like lustre of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 wide petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award of 1953.

No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
M Diamond Jubilee, (6.6). Patent No. 824. (Retails \$2.00 each; 3 or more \$1.75 each.) Double, high centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.					
					
No. 1	\$ 1.10	\$ 1.00	\$.95	\$.85	
No. 1½	.88	.80	.76	.68	
T First Love, (7.7). Patent No. 921. (Retails \$2.25 each; 3 or more \$2.00 each.) Delightful shade of pale dawn pink. Often tinted with pastel shades of salmon, orchid and rose. Vigorous plant, flowers borne singly on long straight stems. Ideal for cut flowers.					
No. 1	1.25	1.12½	1.05	.95	
No. 1½	1.00	.90	.84	.76	
M Forty-Niner, (7.2). Patent No. 792. (Retails \$2.50 each; 3 or more \$2.20 each.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red, while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals. Mildly fragrant.					
					
No. 1	1.40	1.25	1.20	1.10	
No. 1½	1.12	1.00	.96	.88	
M Fred Howard, (6.7). Patent No. 1006. (Retails \$2.50 each; 3 or more \$2.20 each.) Long, rich-yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award for 1952.					
					
No. 1	1.40	1.25	1.20	1.10	
No. 1½	1.12	1.00	.96	.88	
T Golden Scepter, (7.4). Patent No. 910. (Retails \$2.00 each; 3 or more \$1.75 each.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.					
No. 1	1.10	1.00	.95	.85	
No. 1½	.88	.80	.76	.68	
T Helen Traubel, (8.6). Patent No. 1028. (Retails \$2.50 each; 3 or more \$2.20 each.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened blooms display the lovely color in a more lavish way. Very vigorous grower. A.A.R.S. award for 1952.					
					
No. 1	1.40	1.25	1.20	1.10	
No. 1½	1.12	1.00	.96	.88	

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Horace McFarland, (6.7). Patent No. 730. (Retails \$2.00 each; 3 or more \$1.75 each.) Named in honor of Dr. J. Horace McFarland. An upright growing vigorous plant producing an abundance of large deep apricot ovoid buds opening to beautifully formed, buff-salmon, spicy scented blooms of 45 petals. A.A.R.S award for 1945.				
No. 1 -----	\$1.10	\$ 1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68
T Katherine T. Marshall, (7.6). Patent No. 607. Retails \$1.75 each; 3 or more \$1.55 each.) A rose of rare beauty and delicacy of form — growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
M Lowell Thomas, (7.3). Patent No. 595. (Retails \$2.00 each; 3 or more \$1.75 each.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.				
No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68
M Mary Margaret McBride, (7.0). Patent No. 537. (Retails \$1.75 each; 3 or more \$1.55 each.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. A.A.R.S, award for 1943.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
M McGredy's Sunset, (7.7). Patent No. 317. (Retails \$1.75 each; 3 or more \$1.55 each.) The outside of petals is a clear buttercup yellow tipped orange, while the inside is chrome-yellow, flushed scarlet as it opens. Medium size flowers are full with pleasing fragrance and borne on strong upright stems. Sun resistant.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Mirandy , (7.5). Patent No. 632. (Retails \$2.25 each; 3 or more \$2.00 each.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.				
No. 1	\$1.25	\$1.12½	\$ 1.05	\$.95
No. 1½	.88	.90	.84	.76
T Mission Bells , (7.9). Patent No. 923. (Retails \$2.00 each; 3 or more \$1.75 each.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
M Mme. Henri Guillot , (8.9). Patent No. 337. (Retails \$2.00 each; 3 or more \$1.75 each.) A charming two-toned rose. The artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
T Mojave , (7.9). Patent No. 1176. (Retails \$2.75 each; 3 or more \$2.40 each.) A.A.R.S. Award for 1954. A Charlotte Armstrong cross retaining many of the fine plant characteristics of its parent along with the slender bud of that variety. The color is a blend of salmon, apricot and orange, and occasionally in cool weather the salmon changes to red blended with the other two colors.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96
M New Yorker , (7.9). Patent No. 823. (Retails \$2.00 each; 3 or more \$1.75 each.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, up-right and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
T Nocturne , (8.0). Patent No. 713. (Retails \$2.00 each; 3 or more \$1.75 each.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Peace , (9.4). Patent No. 591. (Retails \$2.50 each; 3 or more \$2.20 each.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, to pale golden, to iridescent cream. Petals are edged with apple-blossom pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A. R.S. award for 1946.				
No. 1 -----	\$1.40	\$1.25	\$1.20	\$ 1.10
No. 1½ -----	1.12	1.00	.96	.88
M President Eisenhower , (...). Patent No. 1217. (Retails \$2.50 each; 3 or more \$2.20 each.) Large blooms of rich, unfading, uniform rose-red with lasting brilliance, come singly on strong stems. It is admirably free and continuous in bloom on upright, bushy, 3 foot plants. Fragrant.				
No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88
M Rex Anderson , (7.1). Patent No. 335. (Retails \$1.75 each; 3 or more \$1.55 each.) An outstanding exhibition rose of delicate, lovely ivory-white. Perfectly formed, slow opening, one of the few successful whites. Flowers fully double and of enormous size.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
M Rose of Freedom , (8.0). Patent No. 791. (Retails \$2.00 each; 3 or more \$1.75 each.) Winner CITY OF PORTLAND AWARD for 1947. A Hybrid Tea with beautiful 60 to 70 petaled, long-stemmed, currant-red blooms with delightful true Rose fragrance. The lovely blooms are normally borne singly on strong straight 28 to 32 inch stems. The new wood is usually thornless. It blooms freely, on a vigorous, upright bush with abundant, handsome, disease-resistant foliage. Highest scoring red Rose in 1946-1947 nation wide trials.				
No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68
T Rubaiyat , (7.8). Patent No. 758. (Retails \$1.75 each; 3 or more \$1.55 each.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly open into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A.A.R.S. award for 1947.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60

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ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
M San Fernando, (7.5). Patent No. 785. (Retails \$1.75 each; 3 or more \$1.55 each.) A magnificent thirty petaled rose of glowing currant-red changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.					
	No. 1	\$1.00	\$.87½	\$.80	\$.75
	No. 1½	.80	.70	.64	.60
M Show Girl, (8.2). Patent No. 646. (Retails \$2.00 each; 3 or more \$1.75 each.) Deep pink exhibition rose; one of the best. Flourishes in all climates. Lovely buds on long stems.					
	No. 1	1.10	1.00	.95	.85
	No. 1½	.88	.80	.76	.68
T Sleigh Bells, (6.3). Patent No. 1004. (Retails \$2.00 each; 3 or more \$1.75 each.) A white rose that really produces blooms. Large ovoid buds; fine foliage; long stems.					
	No. 1	1.10	1.00	.95	.85
	No. 1½	.88	.80	.76	.68
T Sun Valley Rose, (7.5). Patent No. 1135. (Retails \$2.50 each; 3 or more \$2.20 each.) An outstanding new golden yellow rose best described as Guinea gold. A tall plant, producing long cutting stems; shiny green foliage and delicate fragrance.					
	No. 1	1.40	1.25	1.20	1.10
	No. 1½	1.12	1.00	.96	.88
T Sutters Gold, (8.1). Patent No. 885. (Retails \$2.25 each; 3 or more \$2.00 each.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24 petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950.					
	No. 1	1.25	1.12½	1.05	.95
	No. 1½	1.00	.90	.84	.76
M Suzon Lotthe, (6.8). Patent No. 943. (Retails \$2.00 each; 3 or more \$1.75 each.) Another fine rose originating in France by Francis Meiland. Pearl pink, with peach center. Open flowers are lovely, large, many petals. Delightful fragrance. Especially good on Pacific Coast. Vigorous.					
	No. 1	1.10	1.00	.95	.85
	No. 1½	.88	.80	.76	.68
M Taffeta, (7.0). Patent No. 716. (Retails \$2.00 each; 3 or more \$1.75 each.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.					
	No. 1	1.10	1.00	.95	.85
	No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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T Tallyho, (8.3). Patent No. 828. (Retails \$2.00 each;



3 or more \$1.75 each.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.

No. 1 -----	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½ -----	.88	.80	.76	.68

T Tiffany, (—). Patent applied for. (Retails \$3.00



each; 3 or more \$2.65 each.) A cross of Charlotte Armstrong and Girona, is a beautiful phlox pink producing blooms of outstanding quality. The long pointed buds are deep pink with golden yellow shading at base of petals. The flowers open to perfectly formed, double, high-centered blooms of a pleasing shade of pink; with petals of heavy texture the flowers have exceptional lasting qualities, and are produced singly on long strong stems. Outstanding fragrance. The plant has an upright habit with vigorous growth and dark green foliage.

A.A.R.S. award for 1955.

No. 1 -----	1.65	1.50	1.40	---
No. 1½ -----	1.32	1.20	1.12	---

PATENTED GRANDIFLORA ROSES

"The New GRANDIFLORA CLASS consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower size, tho not necessarily as large as hybrid teas, is larger than the average Floribunda, with Hybrid Tea Standard for bud and flower form."

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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T Buccaneer, (7.6). Patent No. 1119. (Retails \$2.75 each; 3 or more, \$2.40 each.) Brilliant flowers of non-fading, lasting clear yellow. Strong growing plant. Received Gold Medal at the Geneva, Switzerland Trials and Certificate of Merit at Bagatelle and Rome.

No. 1 -----	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20
No. 1½ -----	1.20	1.10	1.04	.96

T Carrousel, (9.2). Patent No. 1066. (Retail price \$2.00 each; 3 or more \$1.75 each.) The large double flowers could easily class this rose as a Hybrid Tea, but the blooms appear in clusters so free blooming it is classed as a Floribunda. Continuous moss of glowing deep red flowers regardless of weather. Tall growing, rather upright. Mildew resistant.

No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68

ROSES—Continued

PATENTED GRANDIFLORA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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T Queen Elizabeth, (—). Patent No. 1259. (Retails \$3.00 each; 3 or more \$2.65 each.) First Grandiflora Rose. Pure pink, and its blooms are set off dramatically by glossy, deep green foliage. The flowers of this first representative of the Grandiflora class are exquisitely formed and high-centered like a Hybrid Tea. Flowers are borne on long, almost thornless stems which are ideal for cutting. Blooms are carried both singly and in clusters after the manner of the Floribundas, and hold exceptionally well when cut. Queen Elizabeth is a cross between Charlotte Armstrong the famous Hybrid Tea and Floradora, a Floribunda. Both of the parents were recipients of the All-American Rose award. A.A.R.S. award for 1955.

No. 1 -----	\$1.65	\$ 1.50	\$ 1.40	\$ ---
No. 1½ -----	1.32	1.20	1.12	---

PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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M Baby Blaze, (—). Patent rights reserved. (Retails \$2.25 each; 3 or more \$2.00 each.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.

No. 1 -----	\$1.25	\$1.12½	\$ 1.05	\$ ---
No. 1½ -----	1.00	.90	.84	---

T Betty Prior, (8.8). Patent No. 340. (Retails \$1.50 each; 3 or more \$1.30 each.) Produces large fragrant clusters continuously throughout the season. Open lively red turning to shell-pink. Desirable for mass planting.

No. 1 -----	.90	.75	.70	.65
No. 1½ -----	.72	.60	.56	.52

S Chatter, (7.3). Patent No. 739. (Retails \$1.50 each; 3 or more \$1.30 each.) Unusually bright crimson, generous flower clusters, continuously in bloom velvety firm petals.

No. 1 -----	.90	.75	.70	.65
No. 1½ -----	.72	.60	.56	.52

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ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Donald Prior , (8.6). Patent No. 377. (Retails \$1.50 each; 3 or more \$1.30 each.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group.				
No. 1 -----	\$.90	\$.75	\$.70	\$.65
No. 1½ -----	.72	.60	.56	.52
M Fashion , (9.0). Patent No. 789. (Retails \$2.00 each; 3 or more \$1.75 each.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.				
No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68
S Garnette , (7.8). (Suggested retail price \$1.75 each.) Comparatively new variety of merit producing petite red sweetheart roses. The plant attains a height of only about 18 inches and carries crinkled holly-like foliage.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
M Geranium Red , (7.2). Patent No. 811. (Retails \$1.75 each; 3 or more \$1.55 each.) Flowers very double. (50 petals), strong geranium fragrance, bright geranium-red; cluster.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
S Goldilocks , (7.9). Patent No. 672. (Retails \$1.50 each; 3 or more \$1.30 each.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.				
No. 1 -----	.90	.75	.70	.65
No. 1½ -----	.72	.60	.56	.52
S Holiday , (5.5). Patent No. 915. (Retails \$1.50 each; 3 or more \$1.30 each.) Generous clusters of large sized buds, are orange yellow brushed pink on the outside and strong vermillion red on the inside gradually giving way to a softer more delicate tone when open.				
No. 1 -----	.90	.75	.70	.65
No. 1½ -----	.72	.60	.56	.52
M Jiminy Cricket , Patent applied for. (Retails \$2.50 each; 3 or more \$2.20 each.) A Floribunda, which features tangerine red buds, opening to coral-orange and finishing in a pink coral which is close to the color of Fashion. It has a pleasing old rose fragrance reminiscent of the Hybrid Tea Class. Foliage is glossy bronze in the early stages and at maturity turns to a lush glossy green. The vigorous upright growth makes Jiminy Cricket ideal for hedges and its prolific blooming habit qualifies it as an outstanding color mass or border edge. When cut, the flowers hold well for household arrangements. A.A.R.S. award for 1955.				
No. 1 -----	1.40	1.25	1.20	---
No. 1½ -----	1.12	1.00	.96	---



ROSES—Continued

PATENTED FLORIBUNDA—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
S Lilibet , (6.0). Patent No. 1209. (Retails \$2.00 each; 3 or more \$1.75 each.) 1953 A.A.R.S.					
	WINNER. This very free blooming Floribunda rose, with its sweetly pungent fragrance, shows a translucent light fashion color with shades of red in outer petals. The colors range from light rose to soft dawn-pink during the progressive stages of bloom. Graduations of tone within each petal further enhance the depth and loveliness of the abundant clusters. Mildew and black-spot resistant.				
No. 1		\$1.10	\$ 1.00	\$.95	\$.85
No. 1½		.88	.80	.76	.68
M Ma Perkins , (7.5). Patent No. 1143. (Retails \$2.00 each; 3 or more \$1.75 each.) 1953 A.A.R.S. WINNER.	WINNER. This very free blooming floribunda rose, with its sweetly pungent fragrance, shows a translucent light fashion color with shades of red in outer petals. A suffusion of yellow is present in all the early stages of bloom. With aging comes a soft coral shell pink. Ma Perkins is strong, yet compact. Flowers are cup shaped. Rich green foliage.				
No. 1		1.10	1.00	.95	.85
No. 1½		.88	.80	.76	.68
T Masquerade , (8.1). Patent No. 975. (Retails \$2.00 each; 3 or more \$1.75 each.) Clusters of 10 to 25 buds of yellow, red, pink, lemon, and sometimes orange. Each bud is golden-yellow with thin vermillion marks. The center bud in each cluster opens first, becoming rose-pink as the petals unfold. Gradually the rose-pink deepens to deep red.					
No. 1		1.10	1.00	.95	.85
No. 1½		.88	.80	.76	.68
M Pink Bountiful , (7.9). Patent No. 601. (Retails \$1.50 each; 3 or more \$1.30 each.) Bud short-pointed, begonia-rose. Flowers small, double (50-60 petals) open, nutty fragrance, rosolane-pink; strong stem.					
No. 1		.90	.75	.70	.65
No. 1½		.72	.60	.56	.52
M Pinocchio , (7.6). Patent No. 484. (Retails \$1.50 each; 3 or more \$1.30 each.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.					
No. 1		.90	.75	.70	.65
No. 1½		.72	.60	.56	.52

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Red Pinocchio, (8.7). Patent No. 812. (Retails \$1.50 each; 3 or more \$1.30 each.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; prolific bloomer.				
No. 1	\$.90	\$.75	\$.70	\$.65
No. 1½ .....	.72	.60	.56	.52
M Summer Snow, (8.4). Patent No. 416. (Retails \$1.50 each; 3 or more \$1.30 each.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.				
No. 1 .....	.90	.75	.70	.65
No. 1½ .....	.72	.60	.56	.52
M Vogue, (7.6). Patent No. 926. (Retails \$2.00 each; 3 or more \$1.75 each.) A Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.				
No. 1	1.10	1.00	.95	.85
No. 1½ .....	.88	.80	.76	.68
S White Pinocchio, (6.0). Patent No. 1010. (Retails \$1.50 each; 3 or more \$1.30 each.) New outstanding floribunda, semi-double flowers of pure white with yellow stamens. Large 2 to 2½ inch flowers.				
No. 1 .....	.90	.75	.70	.65
No. 1½ .....	.72	.60	.56	.52
M World's Fair, (8.2). Patent No. 362. (Retails \$1.50 each; 3 or more \$1.30 each.) First Award "All America Rose Selection" for Floribundas, 1940. Produces large cluster velvety blooms of fragrant blackish-scarlet with glowing mass of golden stamens.				
No. 1 .....	.90	.75	.70	.65
No. 1½ .....	.72	.60	.56	.52
M Yellow Pinocchio, (6.2). Patent No. 992. (Retails \$1.50 each; 3 or more \$1.30 each.) Newest member of the Pinocchio family. Sturdy bush about three feet tall, producing great masses of bloom in an apricot-yellow color. When at the peak of bloom, it is a rounded mound of yellow.				
No. 1 .....	.90	.75	.70	.65
No. 1½ .....	.72	.60	.56	.52

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Aloha , (5.9). Patent No. 948. (Retails \$2.50 each; 3 or more \$2.20 each.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.				
No. 1 -----	\$1.40	\$1.25	\$ 1.20	\$1.10
No. 1½ -----	1.12	1.00	.96	.88
Cl. Charlotte Armstrong , (9.3). Patent No. 523. (Retails \$3.00 each; 3 or more \$2.65 each.) Sturdy Climbing form of the international favorite bush Hybrid Tea.				
No. 1 -----	1.65	1.50	1.40	1.30
No. 1½ -----	1.32	1.20	1.12	1.04
Clg. Crimson Glory , (8.2). Patent No. 736. (Retails \$2.50 each; 3 or more \$2.20 each.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.				
No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88
Clg. Forty-Niner , (...). Patent No. 1094. (Retails \$2.50 each; 3 or more \$2.20 each.) Climbing form of the popular H. T. variety.				
No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88
Clg. Goldilocks , (7.1). Patent No. 1090. (Retails \$2.50 each; 3 or more \$2.20 each.) A truly ever-blooming yellow climber producing ovoid shaped buds resembling miniature hybrid teas of rich golden-yellow color. Like the floribunda, Goldilocks as a climber blooms in larger clusters. Recommended to bloom first year after planting.				
No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88
Clg. Peace , (7.2). Patent No. 932. (Retails \$2.00 each; 3 or more \$1.75 each.) Climbing form of the famous bush Hybrid Tea.				
No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68
Dr. J. H. Nicholas , (7.4). Patent No. 457. (Retails \$2.00 each; 3 or more \$1.75 each.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.				
No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68
King Midas , (6.7). Patent No. 586. (Retails \$2.00 each; 3 or more \$1.75 each.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.				
No. 1 -----	1.10	1.00	.95	.85
No. 1½ -----	.88	.80	.76	.68

ROSES—Continued

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color and plants many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Break O'Day , (...). Patent Applied for. (Retails \$1.75 each; \$18.00 per dozen.) Orange to apricot, large to very double flowers.				
No. 1 -----	\$1.00	.90	.85	\$.--
No. 1½ -----	.80	.72	.68	---
T Curly Pink , (8.2). Patent No. 842. (Retails \$1.75 each; \$18.00 per dozen.) Lovely two-toned pink blossoms forming a gorgeous bouquet on a single stem. Hardy, disease resistant.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---
M Orange Ruffles , (7.1). Patent No. 1124. (Retails \$1.75 each; \$18.00 per dozen.) A graceful flower curled and ruffled makes this a dazzling rose as it blends from a lively orange to a saffron-yellow. Holly like foliage.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---
T Pink Princess , (8.1). Patent No. 459. (Retails \$1.75 each; \$18.00 per doz.) Bud red, flower deep pink, famous as the first H. T. free from defoliation by blackspot.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---
M Queen O' the Lake , (7.5). Patent No. 1003. (Retails \$1.75 each; \$18.00 per doz.) One of the three newest Sub-Zero Roses. This gorgeous red Rose was named in honor of the Minneapolis Aquatennial Queen and is the official Rose for that outstanding event.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---
T Red Duchess , (7.9). Patent No. 846. (Retails \$1.75 each; \$18.00 per doz.) Hardy, sturdy plant producing an abundance of rose-red flowers that are pleasingly fragrant.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---
T Shades of Autumn , (6.7). Patent No. 542. (Retails \$1.75 each; \$18.00 per doz.) An abundant and joyous expression of bi-colored beauty.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---
M V for Victory , (7.9). Patent No. 543. (Retails \$1.75 each; \$18.00 per doz.) Large very double yellow flowers of good fragrance.				
No. 1 -----	1.00	.90	.85	---
No. 1½ -----	.80	.72	.68	---

BROWNELL SUB-ZERO HARDY CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Golden Pyramid , Propagation rights reserved. (Retails \$1.75 each; \$18.00 per doz.) Cadmium yellow, most vigorous of all climbers.				
No. 1 -----	\$1.00	.90	.85	\$.--
No. 1½ -----	.80	.72	.68	---

EXTRA PROFITS WITH PACKAGED NURSERY STOCK

Progressive Nurserymen everywhere are cashing in on this extra profit line. A "cash and carry" line with rapid turn-over and big net profits. Just the thing for your down-town Store, Sales Yard or in your office.

Aggressive, modern merchandising methods increase your gross sales and net profits. Let us help you!

THE MOST COMPLETE LINE OF PACKAGED STOCK EVER OFFERED!

A complete selection of the newest and best

PATENTED ROSES NON-PATENTED ROSES

Hybrid Tea (H. T.)
Floribunda
Climbing H. T.
Hardy Climbers

SHRUBS
HEDGE AND VINES
SHADE TREES
FRUIT TREES
BERRY FRUITS
PEONIES AND BULBS



OUR 38 YEARS EXPERIENCE

in packaging Nursery Stock, enables us to offer you all the items in greatest demand, attractively and efficiently packaged to insure complete customer satisfaction and rapid turn-over without shrinkage losses. The fastest selling items, in the most attractive packages at low prices that appeal to your customers and insure big profits.

MOUNT ARBOR ROSES ARE GROWN IN NORTHERN CALIFORNIA

under ideal soil and climatic conditions. Rich new soil. Growth controlled by irrigation. Naturally ripened by frosts in late Fall. Carefully dug and graded under our supervision. Stored in our new, modern Rose storage at Shenandoah, under refrigeration, which retains all the vitality in the bushes until late Spring.

Sell Mount Arbor Northern California grown rose bushes exclusively.



PEONIES

We offer our usual fine grade of 3 to 5 eye divisions clean, healthy, and strictly true to name, from plants not older than three years. As we do not use our fields for commercial cut flowers, you can depend on thoroughly rogued stock, and fine young plants. Available after September 15th.

The figures after the name of the variety imply the rating given these Peonies by the American Peony Society.

* INDICATES RECOMMENDED CUT-FLOWER VARIETIES

		Per 10	Per 100
Albert Crousse , 8.6. Late. Pink with faint salmon tints; rose-type flowers.		\$ 4.00	\$ 35.00
* Alexander Dumas , 7.1. Late Crown-type, brilliant pink, large compact, bomb-shaped, fragrant.		3.50	30.00
* Alsace Lorraine , 8.8. Late. Pointed white petals, suffused with a golden light from the stamens.		5.50	-----
Anna Sass , 9.6. Late mid-season. Delicate light pink toned orchid.		5.00	45.00
* Avalanche , 8.7. Late midseason. Large, free blooming, fine white.		4.50	40.00
Benjamin Franklin , 8.1. Midseason. Dark, rich crimson.		4.50	-----
Brand's Magnificent , 8.2. A deep, dark red, mid-season.		6.00	-----
Charles McKellip , 7.8. Late mid-season. Bright red.		4.50	40.00
Couronne d'Or , 8.1. (Crown of Gold). Late mid-season. Pure white with center petals tipped with red.		4.00	35.00
Delache , 7.1. Dazzling red, profuse bloomer. Late mid-season.		3.50	30.00
* Duchess De Nemours , 8.1. Early. Pure white.		4.50	40.00
* Edulis Superba , 7.6. Early. Bright clear mauve-pink.		3.20	28.00
E. C. Shaw , 9.1. Late mid-season. Light old rose toned flesh.		5.50	--
Elizabeth B. Browning , 9.2. Pure white, late bloomer. Fragrant, tall.		5.50	-
Elwood Pleas , 8.7. Late. Large shell pink flowers with crinkled petals.		3.50	30.00
* Felix Crousse , 8.4. Mid-season. Brilliant, ruby-red.		4.00	35.00
* Festiva Maxima , 9.3. Early. Pure white flecked with crimson.		4.50	40.00
* Floral Treasure , 7.5. Early. Clear even pale-lilac rose. Very free flowering.		3.20	28.00
Florence Nightingale , 8.1. Very late. Pure white, with delicately arranged petals.		4.00	-----
Francois Ortegat , 6.7. Semi-rose type. Large deep crimson with brilliant golden-yellow anthers. Fragrant. Midseason.		3.20	28.00
Francis Willard , 9.1 Late Midseason. Exquisite blush changing to pure white.		5.00	45.00
Frank E. Good , 8.88. Fully double. Late. Pale flesh pink with delicate tint. Beautiful form. Sometimes not open well.		4.50	-----

PEONIES—Continued

		Per 10	Per 100
* Fulgida , 5.7. Semi-rose type. Ruby-red. Late. Mid-season.	\$ 3.50	\$ 30.00	
Georgiana Shaylor , 8.9. Late mid-season. Pale rose-pink with few flecks of crimson.	5.00	45.00	
Grover Cleveland , 8.2. Rose type. Very large, full dark crimson blooms. Late mid-season.	4.00	35.00	
* Inspector Lavergne , 8.5. Early. Vivid crimson.	5.50	50.00	
James R. Mann , 8.7. Mid-season. Rose-pink, lightly streaked with crimson.	4.00	35.00	
Jeanne Gaudichau , 8.3. Large, well-formed flowers of delicate pink fading to creamy flesh at tips of petals. Late.	4.00		
Jeannot , 9.2. Large, cupshaped flowers of fine form. Flesh pink with salmon pink shadings changing to silvery white. Late.	3.50	30.00	
* John M. Good , 8.89. Pale flesh shading to pure white.	4.50	40.00	
* Karl Rosefield , 8.8. Mid-season. Brilliant velvety-crimson blooms.	4.50	40.00	
Katharine Havemeyer , 9.0. A large flesh pink of true rose type coming into bloom late in the season. The guard petals are broad and rounded and somewhat notched at the ends. Center petals narrow and fringed. The center is full and high. The plant is medium tall and vigorous with strong, graceful stems. Fragrant.	5.00		
Kelway's Exquisite , 8.5. Mid-season. Bright rose-pink with a golden hue.	5.00	45.00	
Lady Alexander Duff , 9.1. Mid-season. Very large, light blush pink flowers.	4.50	40.00	
La Lorraine , 9.17. One of the finest whites we have for the show table or garden planting. Cream white when first opening, with a faint touch of salmon pink. A very fine flower of excellent form on strong stems. A very free bloomer and always ranks among the best.	9.00		
* La Perle , 8.5. Mid-season. Pink in the bud, opening to a creamy white, flecked with crimson.	4.00	35.00	
Lillian Gumm , 8.9. Late mid-season. Bright apple-blossom pink.	5.00	45.00	
* Livingstone , 8.1. Best of all late varieties. Deep pink with flecks of crimson in center.	4.00	35.00	
Mabel Franklin , 9.0. Pale pink gradually deepening toward the center. Mid-season.	4.00	35.00	
Marie Crousse , 8.9. Mid-season to late. A delicate shell-pink bordering on salmon.	4.50	40.00	
Martha Bulloch , 9.1. Late. Soft rose-pink shading to silvery shell-pink on the outer petals.	7.50		
* Mary Brand , 8.7. Mid-season. Deep red.	5.50	50.00	
Milton Hill , 9.0. Late. Large shell-pink flowers with salmon shadings.	4.50	40.00	
* Mme. De Verneville , 7.0. Early. Large white flowers with crimson marks.	4.00	35.00	
* Mme. Ducel , 7.9. Mid-season. Large flowered, pink with lighter tones.	3.50	30.00	

PEONIES—Continued

	Per 10	Per 100
* Mme. Jules Dessert , 9.4. Mid-season. Creamy white with faint tints of pink and buff.	\$ 6.50	\$ 60.00
* Mons Jules Elie , 9.2. Mid-season. Lilac-pink shading to deeper rose over-laid with a sheen of silver.	4.50	40.00
* Mrs. Frank Beach , 8.95. Large creamy white flowers. Very dwarf, very free flowering.	10.00	—
Myrtle Gentry , 9.06. A beautiful late pink. The flower is perfect rose form. The stems are strong and hold the great flowers well above the foliage. This flower has the fragrance of a tea rose.	7.50	—
Officinalis Rubra , 8.6. Very early. Large blooms of vivid crimson.	5.50	—
Philomele , 7.7. Mid-season. Attractive, novel bloom of pink and yellow.	4.00	—
President Roosevelt , 8.5 Mid-season. Very fine brilliant red.	4.00	35.00
Prince of Darkness , 7.5. Early. Deep red, almost maroon.	4.00	35.00
* Queen Victoria , 7.2. Early mid-season. Pure white.	4.00	35.00
Rachel , 7.9. Mid-season. Bright garnet shaded ruby-red.	4.00	35.00
* Reine Hortense , 8.7. Mid-season. Rose-pink flecked with crimson.	3.50	30.00
Richard Carvel , 8.8. Real early. Bright crimson.	7.00	65.00
* Sarah Bernhardt , 9.0. Mid-season. Apple-blossom pink with a silvery edge on petals.	4.50	40.00
Sarah K. Thurlow , 9.1. Very large delicate pink changing to pearly white, flushed pink in center. Long, strong stems. Very late.	5.00	45.00
Solange , 9.7. Late. Rich creamy white, suffused with buff and delicate salmon-pink.	6.50	60.00
Souv. De Louis Bigot , 9.1. Mid-season. Vivid rich pink with a salmon undertone.	6.00	55.00
* Tourangelle , 9.4. Late. Large blooms of pearl overlaid delicate shade of salmon-pink.	5.00	45.00
Walter Faxon , 9.3. Mid-season. Vivid salmon-pink.	5.50	50.00
PEONIES BY COLOR		
Pink	2.90	25.00
Red	2.90	25.00
White	3.50	30.00

JAPANESE AND SINGLE PEONIES

	Per 10	Per 100
Dia Jo Kuhan . This variety produces blooms in clusters of 4 to 6 blooms per cluster. It is a deep pink with small, short yellow stamens.	\$ 5.50	\$...
Mikado , 8.6. Waxed, cupped petals of rich dark crimson. Center broad and flat, red and yellow staminodes. The most popular Japanese variety. Midseason.	5.50	—
Nippon Beauty , 9.12. Dark red with center of staminodes flushed and edged yellow. One of the best Japanese. Late.	5.50	—
Okinawa . Single light red, yellow stamens, medium size.	5.50	—



PACKAGED PEONIES

Available After September 15th.

(See opposite page for illustration)

For Counter Selling In Stores, Sales Yards, Etc.

CERTIFIED QUALITY GIANT PEONIES

GROUP NO. 1 @ \$50.00 per 100

A group of finer, higher rated Peonies for customers that demand the best.

RED

625B Richard Carvel
626B Karl Rosefield
627B Mary Brand

PINK

634B Walter Faxon
619B Sarah Eernhardt
629B M. Jules Elie

WHITE

623B Festiva Maxima

GROUP NO. 2 @ \$37.50 per 100

An excellent assortment of popular varieties, at a highly competitive low price.

RED

622B Felix Crousse
637B Prince of Darkness
630B Pres. Roosevelt

PINK

621B Edulis Superba
638B Reine Hortense

WHITE

628B Mme. de Verneville

Our "Certified Quality Giant Peony" is the finest package ever offered for counter selling — the best varieties in the most attractive package. The strong 3 to 5 eye divisions are wrapped in moist peat and moisture proof Cellophane. The trade marked design, on the outer white wrapper, is printed in royal blue ink. Each package carries a 4-color picture produced from new, natural color photographs.

Shipping cases contain 50 packages. Please order in multiples of 10 of each variety with total order being a multiple of 50.

No. 50PB—Case of 50 Assorted Group No. 2 Varieties (25 red, 15 pink, and 10 white) @ \$18.75 per case.





Mount Arbor's Cellophane Wrapped Peonies

MOUNT ARBOR CERTIFIED QUALITY BULBS SPRING 1955 SHIPMENT

We offer an attractive Line of Packaged Bulbs in all wanted varieties. The registered box design is in three colors; with the large colored picture and label, in six colors. This is another Mount Arbor exclusive feature—not available elsewhere.

All "Certified Quality" varieties are of outstanding merit—The very best in each Group. Carefully selected for beauty and vigor, to insure complete customer satisfaction. For an attractive Nursery display, with maximum sales appeal, buy "Certified Quality" Roses, Peonies and Bulbs.

For further information in regard to varieties and prices, write for our special Packaged Nursery Stock Listing.

PERENNIALS

We are one of the largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specialized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

★Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow (RG)		

Angels Breath. It grows as an inverted bowl, twenty inches high and spreads two feet. In flower, it is so profusely covered that the rich green foliage, decorative otherwise can scarcely be seen. The white is the purest, and the composition of the flower is fully double without a trace of center. -----	\$ 2.10	\$ 18.00
★Millefolium Crimson Beauty. A very bright colored Yarrow, grows about 2 feet high.-----	1.40	12.00
Ptarmica, The Pearl. Large semi-double white. 18 in. June-July. -----	1.40	12.00

ALTHEA ROSEA, Hollyhock. Double Separate Colors.

Lilac Beauty -----	1.40	12.00
Maroon Black -----	1.40	12.00
Newport Pink -----	1.40	12.00
Red -----	1.40	12.00
Red Salmon -----	1.40	12.00
White -----	1.40	12.00
Yellow -----	1.40	12.00

ALYSSUM Saxatile Compactum

Big clusters of bright yellow flowers in early spring. An excellent plant for the rockery or front of borders. One of the best early yellow plants to use with tulips. 12 inches high.----- 1.40 12.00

ANCHUSA Bugloss

★**Myosotidiflora (RG).** Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.----- 1.80 15.00

★**ANTHEMIS MOONLIGHT**

Pale yellow. Daisy-like flowers are 2½ inches in diameter. Superb for cutting and last several days in water. Insects do not bother it, grows in almost any kind of soil.----- 1.80 15.00

PERENNIALS—Continued

		Per 10	Per 100
AQUILEGIA, Columbine. May-June. (RG)			
Chrysanthia L. S. Beautiful golden yellow flowers; blooms for two months.		\$ 1.80	\$ 15.00
Crimson Star — New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	2.10	18.00	
Long Spurred Blue Shades. Extra long spurs.	1.80	15.00	
Long Spurred Rose Queen. Rose shades.	1.80	15.00	
Long Spurred Snow Queen. Extra long spurs.	1.80	15.00	
Mrs. Scott Elliot's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.	1.40	12.00	
Waller Franklin Hybrids Mixed. Superior to any strain of which we have knowledge. This blend contains many unique colors. 3 ft.	2.10	18.00	
ARTEMISIA, Wormwood (RG)			
Silver King. Silver white, color effect, frosted silver. Beautiful in combinations.	1.80	15.00	
ASCLEPIAS, Butterfly Weed (RG)			
Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	1.40	12.00	

ASTERS

NEW ENGLISH ASTERS
SENSATIONS OF 1951

	Per 10	Per 100
Eventide. A masterpiece from England. Striking deep violet blue, huge and almost full. Trimly erect, free and vigorous. Fine for cutting. 3 ft.	\$ 3.50	\$ 30.00
Janet McMullen. Another gigantic Briton, this time a soft rose-pink. Long, pyramidal stems alive with color. Semi-double, perhaps the largest flower of any aster. 4 feet.	3.50	30.00
The Archbishop. Mammoth new English hybrid, the grandest of all. Huge, 2 inch semi-double blooms in massive sprays of rich deep blue-purple. Erect, 3½ ft. plant, fine for cutting. Really outstanding.	3.50	30.00
The Cardinal. Brilliant deep reddish rose. A garden standout.	3.50	30.00
The Sexton. Clear, vibrant, lilac-blue newcomer, large of bloom and very attractive. Sure to please. 3½ ft.	3.50	30.00

DWARF VARIETIES (RG)

Per 10 Per 100

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.	\$1.40	\$ 12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.40	12.00
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. September. Height 1 ft.	1.40	12.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.40	12.00

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.

★Adorable. Deeper, clearer pink, very rare in fall flowers. Small reddish rosette-like buds. Clean darkgreen foliage. Height 4 to 4½ ft. Blooms September to frost.	2.10	18.00
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PERENNIALS—Continued

ASTERS—Continued		Per 10	Per 100
★ Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers.	\$ 2.10	\$ 18.00	
<i>Blue Boy.</i> Low growing, deep blue flowers.	1.80	15.00	
★ Blue Eyes. Large pure violet blue flowers with small yellow eyes. Height 3 to 4½ ft.	1.80	15.00	
Blue Gem. Large lovely flowers of blue with yellow center, double flowers. Best blue in cultivation. Sept. until frost. 3 to 4 ft.	1.80	15.00	
★ Blue Lagoon. A new variety of the Novi-Belgii type blue flowers, quiet, lovely.	1.80	15.00	
★ Blue Plume. A choice introduction. One of the deepest, bluest yet introduced. Freely produced, rich royal blue flowers on stately spikes. An excellent variety that will attract attention. Sept. and Oct. Height 3 ft.	1.80	15.00	
Harrington's Pink. The first Hardy Aster that is truly pink. Flowers are large and cover the 4-foot plant so completely that it seems a shame to cut them, but the blooms will be welcome in the house.	2.10	18.00	
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00	
★ Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 ft.	2.10	18.00	
Red Rover. The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit. September to frost. 2 to 4 ft.	2.10	18.00	
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.	1.80	15.00	
Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 inches tall.	1.80	15.00	

ASTILBE

ASTILBE, Perennial Spirea. (RG)

Astilbes are ideal, for colorful perennials for shaded locations in the garden. Also good for forcing. Plants bloom freely in June and July, and the foliage remains attractive for the rest of the summer. Height about 2 feet.

★INDICATES RECOMMENDED FORCING VARIETIES

	Per 10	Per 100
Betsy Cuperus. The fine drooping flower spikes, 2 feet long, show in the summer during some weeks a great number of white flowers with pink center.	\$ 4.00	\$ 35.00
★ Bremen. Feathery spires of soft rose flowers on 18 inch stems. Free flowering with excellent foliage.	3.50	30.00
★ Erika. Salmon pink, large trusses, height 36 inch. New.	4.50	40.00
★ Fanal. A fine compact growing plant with excellent foliage and brilliant Carmine-red flowers. One of the deepest red Spireas in cultivation. Handsome with long, well formed spikes and splendid crimson flowers. 18 inches.	3.50	30.00
Federsee. Carmine-red, feathery truss. 24 inches. New.	4.50	40.00
★ Feuer. Deep fiery red. 36 inch. New.	4.50	40.00
★ Gladstone. Feathery plumes of clear white flowers, a favorite forcing variety. 15 inches.	3.50	30.00
★ Gloria Purpurea. Purplish Carmine-color. Dark foliage. Excellent for forcing.	3.50	30.00

PERENNIALS—Continued

ASTILBE—Continued

		Per 10	Per 100
★ Irrlicht. Snow-white, pyramidal trusses, free flowering. 20" high. New.		\$ 4.50	\$ 40.00
★ Koblenz. Soft feathery plumes of bright rose pink over excellent bright green foliage. Sturdy 15 inch stems.		3.50	30.00
★ Peach Blossom. This is the beautiful Peach Blossom variety. The panicles are 8 to 10 inches long, and blush charmingly with a delightful shade of pink. Bloom June and July. 1½ to 2 feet tall.		4.00	35.00
Queen Alexander. Very lovely soft pink flowers borne on spikes 18 inches high, coming in June.		3.50	30.00

BUDDLEIA, Butterfly Bush, (See Shrubs).**CAMPANULA, Bellflower.**

Calycanthema (Cup and Saucer.) In separate colors. Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.		1.40	12.00
Medium (Canterbury Bells.) In separate colors, Blue and Rose. June. 2 ft.		1.40	12.00

CHRYSANTHEMUMS

Dormant Stock in strong 1 year field grown plants will be supplied on Fall shipment orders. Well finished 2½ inch pot plants will be supplied on Spring orders.

RECENT INTRODUCTIONS

(The Chicago Strain)

These recently introduced varieties flower in profusion by mid-September until frost. All are about 2 ft. tall and are of sturdy habit of growth; disease resistant and ornamental foliage.

		Per 10	Per 100
APACHE. Orient-red to dark brilliant firecracker-red with golden overcast. Quilled petals. Very tough, weather-resistant flowers, 4 to 5 inches in diameter. In bloom from mid-September to November.		\$ 3.00	\$ 25.00
AUTUMNSONG (Kraus). Large wine-rose shading to carmine. Entirely new color in mums. Blooms September 12.		2.10	18.00
CANDLELIGHT. Lovely and graceful, free flowering creamy white, double blossoms nicely borne 1 to 2 feet. Sept.		2.10	18.00
CHARLES NYE. Large, 3-inch, fully double, rounded flowers of buttercup-yellow. Blooms late September.		2.10	18.00
COURAGEOUS. Dark ruby-red, large, double flowers, 3½ inches in diameter. Strong, upright, healthy green foliage. Late September.		2.10	18.00
DRIFTED SNOW. A mound of large, fully double, snow-white flowers, shaded yellow at center. Blooms mid-September.		2.10	18.00
EARLY HARVEST. Fine glowing mahogany orange on extremely free flowering plants from early September.		2.10	18.00
ERMINE. Fully double, wide petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut. Blooms October.		3.00	25.00
GLOWING COALS. Bright deep cherry-red, with orange reverse. Well branched sprays. One of the best early reds. Blooms mid-September.		2.10	18.00
GOLDEN HOURS. Early, double, deep lemon-chrome. Petals broad, overlapping and somewhat incurved. Most outstanding very early cut flower. Early September.		2.10	18.00
HEARTHFIRE. Bright red flowers, showing a small yellow center when fully open. Ideal for cutting. Double. Early September.		2.10	18.00
HERO. Gleaming bright scarlet red to spectrum-red with yellow bronze reverse. Very, free flowering. Very bright. October 1.		2.10	18.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued Per 10 Per 100

KATHLEEN LEHMAN. Brightest orange-gold, deepening to red-gold at center. One of the very best new things. Blooms in late September.	\$ 2.10	\$ 18.00
LEE POWELL. The Mum of the year-1951. Masses of fluffy chineseyellow flowers with slight orange tinge at center. Very similar to large greenhouse varieties. Tall upright bush. Blooming in late September.	3.00	25.00
MAGNIFICENT. Glorious 4-inch flowers of plum-red or rosy cardinal, with coppery cast. Strong branches, excellent for cutting. Blooms October 1.	2.10	18.00
MEDITATION. Large, fully double, firm, two-toned flowers of soft light jasper-red and maize yellow with orange reverse. Matures to a bright reddish peach. An excellent cut flower. October.	2.10	18.00
MYRTLE WALGREEN. Rich amaranth-purple, underlaid with silvery lilac, aging to clean, clear mallow-purple. Fine for cut flower. Blooms in late September.	2.10	18.00
OLIVE LONGLAND. Apricot pink, full double flower of 3 inches. Lovely pastel color, blooms freely. Grows erect. 2½ feet. Mid-September.	2.10	18.00
POLAR ICE. A pure white double flower of 3 inches. Grows vigorously, flowers freely and bunches nicely. This flower is a pure white at all times, without the cream center. Petal arrangements is somewhat open, and it shows a small center when mature. Early September.	2.10	18.00
★REMEMBRANCE. Deep Ruby-carmine color that is retained for the life of the flower. In our estimation the best red to date. Very frost hardy. Blooms in late September.	3.00	25.00
TANGERINE. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid-October.	2.10	18.00
WYCHWOOD. Flowers fully double, globular rich, clear canary yellow, slightly deeper near center.	2.10	18.00
ZANTHA. A new perpetual-blooming clear canary-yellow with ball shaped flowers. Outstandingly good.	2.10	18.00

SELECTED NEW ENGLISH MUMS

All of these varieties have very large flowers from 4 to 6 inches across. They can either be grown to give a mass of blooms or can be disbudded and grown for exhibition purposes.

	Per 10	Per 100
ALBION. Large white, incurving flowers with wide petals. An exhibition variety.	\$ 3.50	\$ 30.00
CRIMSON BANNER. Beautiful crimson flowers of good size on long stems.	3.50	30.00
CRIMSON CHAMPION. Rich deep glowing crimson. Large flowers on an 18 to 24 inch plant. Blooms in September.	3.50	30.00
DAUNTLESS. A real beauty, if there ever was one. Very large, perfect blooms in a lively shade of bronze or burnt-orange, borne on sturdy 2 to 3 foot stems. Blooms in October.	3.50	30.00
HURRICANE. One of the most outstanding red English Mums to date. The enormous reflex blossoms of brilliant deep crimson are borne on sturdy stems. Very double, and satisfactory in every respect.	3.50	30.00
RED INVADER. Crimson chestnut with gold reverse petals. Vigorous grower.	3.50	30.00
TRIXIE. Long, spiky petals of salmon, apricot and pink. Shapely blooms.	3.50	30.00

PERENNIALS—Continued**CHRYSANTHEMUMS—Continued** Per 10 Per 100**SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS**

AVALANCHE. Large well formed, double white flowers in great quantities. 2½-5 feet. Late September.	-----	\$ 1.80	\$ 15.00
BETTY. Splendid upright rose-pink without a trace of magenta. One of the finest new pinks. Blooms late September.	-----	3.00	25.00
CHIPPEWA. Double magnificent flowers of rich aster-purple in large clusters. Early September. 2½ feet.	-----	2.10	18.00
CHRIS COLUMBUS. A most outstanding ivory-white. A luxuriant grower, excellent for cutting. Blooms in late September.	-----	2.10	18.00
HERITAGE. This is one of our own introductions. Flowers are fully double, 2½ inches in diameter. Colors are old-gold suffused with rose-pink. Plant is good grower, growing approximately 30 inches high. Produces large individual flowers on stiff stems. Is one of the first varieties to flower.	-----	2.10	18.00
LAVENDER LADY. A lovely true lavender, no trace of mauve, purple, or magenta appears under any light condition. Flowers are full, double, 3 inches across. Early October.	-----	2.10	18.00
RED VELVET. Shapely double flowers of medium size, are borne in clusters on long stems. The opening color is velvety crimson then becomes darker instead of fading. 2 feet. Early October.	-----	2.10	18.00
SEPTEMBER DAWN. The gorgeous pink of an Autumn sunrise. The large double flowers are perfectly formed. 3-3½ inch flowers.	-----	2.10	18.00
YELLOW AVALANCHE. Huge fluffy blooms in big sprays, individual blooms often measure over 4 inches, color is clear soft golden yellow. Late September.	-----	2.10	18.00

1952—UNIVERSITY OF NEBRASKA INTRODUCTIONS

ARAPAHOE. Very large informal blooms of red with a bronze reverse to the long straplike petals. Three to five inch blooms show half inch yellow disc when in full bloom. Upright plant, dark green foliage. Disease, weather, frost-resistant. Good cut flower. Blooms in mid-September.	-----	3.00	25.00
LESHARA. Fully double two or three inch flowers of mulberry red completely hide the foliage when in full bloom. Very free flowering and compact plant. Long lasting and non-fading. Especially suitable for cutting. Frost resistant. Blooms in September.	-----	3.00	25.00

NEWER OUTSTANDING BUTTON POMPON

CHIQUITA (Little Doll). Deep lemon-yellow, fully double, compact, dome-shaped Pompon. Bush compact, 18 to 24 inches tall, with deep green foliage. Long individual flower stems. September to October.	-----	2.10	18.00
★ILLUMINATOR (Kraus). Very dark, brilliant crimson-red pompon. Excellent in the garden or for cutting. Blooming date September 22.	-----	2.90	25.00
LAVENDER LASSIE. Graceful sprays of dainty lavender-pink. From September until freezing. The 2½ foot plant is a mass of 2 to 3 inch Pompons.	-----	2.10	18.00
LEMON DROP. A yellow button pompon with a slight green overtone radiating from the center. Extra fine foliage and habit. Very hardy.	-----	2.10	18.00
ORCHID JEWELL. Small, compact sprays of light pink flowers on 24 inch stems.	-----	2.10	18.00
PEPITA (Little Girl). Densely quilled Pompon. Egg-shell white with darker center when young, changing to pure white with slight yellow center. Bush 18 to 24 inches high, densely branched and wide spreading; long, individual flower stem. Mid-September to end of October.	-----	2.10	18.00

PERENNIALS—Continued**CHRYSANTHEMUMS—Continued****NEWER OUTSTANDING BUTTON POMPON—Continued**

	Per 10	Per 100
PYGMY GOLD. Masses of golden yellow, round button flowers of 1 inch. Cushion type growth and very free flowering. A very excellent early flowering variety. 15 inches. Blooms September 15.-----	\$ 2.10	\$ 18.00
ROSITA. (Little Rose). Light Persian-rose. 1-1/4 inches in diameter, tight, full double. Open sprays of 5 to 10 flowers on long individual flower stems. Bush large, upright, spreading. Good foliage. September to mid-October.-----	2.10	18.00
RUBY POMPON. More rich and flowing Ruby Crimson than any other Pompon. Full flower early October. 2 1/2-3 ft.-----	2.10	18.00
SEPTEMBER BRONZE. Shapely little Pompon blossoms, shading from golden bronze to intense warm bronze. Mid-September to November.-----	2.10	18.00
★SEPTEMBER CLOUD. Beautifully rounded blossoms of purest white with primrose shading in center. Mid-September till frost.-----	2.10	18.00

CUSHION CHRYSANTHEMUMS

Sometimes called "Million Mums." A group of low growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 to 12 inches high. Our stock is of improved strains. Most varieties begin blooming late in August and bloom until frost.

	Per 10	Per 100
CUSHION BRONZE. Beautiful coppery bronze cushion. Color lightens with age.-----	\$ 1.80	\$ 15.00
CUSHION MAHOGANY. Twisted petals of jasper-red shading to mahogany. Far superior to the old cushions.-----	2.40	20.00
CUSHION PINK. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center.-----	1.80	15.00
CUSHION POWDER PUFF. America's leading white cushion. Stubbornly hardy, a miniature snow-pile of clean ivory-white. Low, wide and handsome, about a foot tall and twice as broad. Early September.-----	1.80	15.00
CUSHION PURPLE. (New) A perfectly round, bushy plant, covered completely with very attractive, full double purplish-rose colored flowers, with deep wine colored centers. A beautiful plant and well worth your interest.-----	2.40	20.00
CUSHION RED SUPER DELUXE. Plant is perfectly formed and makes a mound 18 inches high with a diameter of 3 feet in its very first year. Bright shade of red. Mid-September.-----	1.80	15.00
★CUSHION SANTA CLAUS. Deep, glowing red. Center gold tipped. The best red.-----	1.80	15.00
CUSHION YELLOW SUPREME. Fine spreading compact mounds of golden yellow pompons. Early and profuse.-----	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy.

Alaska. Large white flowers. June to August. 2 ft.-----

Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2 1/2 to 3 ft.-----

★Dieners G. Marconi. New giant double, ever flowering-----

The Speaker. Enormous pure white flowers.-----

COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.-----

Mayfield Giant. Tall vigorous plants producing large individual flowers with broad petals, forming a perfect corolla, color is a beautiful shade of yellow.-----

PERENNIALS—Continued
DELPHINIUM ENGLISH HYBRIDS

	Per 10	Per 100
BLACKMORE & LANGDON. 4 to 5 feet. Semi-double and double blooms in shades of blue, lavender, and purple. -----	\$ 1.80	\$ 15.00
WREXHAM GIANT STRAIN. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue mauve and pink. -----	1.80	15.00

DELPHINIUM MISCELLANEOUS VARIETIES

BELLADONNA CLIVEDON BEAUTY. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 feet.-----	1.40	12.00
BELLAMOSA IMPROVED. A reselected strain of the standard deep blue. -----	1.40	12.00

DIANTHUS NEW CARNATIONS

	Per 10	Per 100
June Carmine. A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation like foliage. The flowers are fully double, on 12 to 15 inch stems.-----	\$ 2.90	\$ 25.00
Wallace Red. Bright red semi-double blossoms only 8 inches high. At best June-July and September-October, but scatters bloom in between. Foliage a clean rich green. Charming in rock garden or as edging, best in sun. Dependably hardy. -----	2.40	20.00

DIANTHUS GRENADIN CAROPHYLLUS

This is the hardest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers. -----	\$ 1.80	\$ 15.00
Rose Queen Triumph. Deep delicate pink. -----	1.80	15.00
King of Blacks. Deep maroon. Almost black. -----	1.80	15.00
Scarlet. Rich scarlet. Extra large flowering. -----	1.80	15.00
White. Clear white. Complete double. Extra fragrant. -----	1.80	15.00

**DIANTHUS HEDDEWIGI
(Japanese Pinks)**

Fireball, very double deep scarlet, splendid. -----	2.10	18.00
Hybrid, double large flowers choice mixed. -----	1.80	15.00

DIANTHUS PLUMARIS HARDY GARDEN PINKS

★Scotieus Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering. -----	1.80	15.00
Semperflorens. (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in. -----	1.40	12.00
DIANTHUS Latifolius, Atrococcineous, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in. -----	1.40	12.00

DIANTHUS

Barbatus, Old Fashioned Sweet Williams.

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Holborn Glory. Striking combination of crimson with white eyes. 18 inches. -----	1.40	12.00
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PERENNIALS—Continued

DIANTHUS—Continued

		Per 10	Per 100
Purple Beauty.	Bright deep purple.	1.40	12.00
Scarlet Beauty.	18 inches.	1.40	12.00
Splendens Pink Beauty.	18 inches.	1.40	12.00
White Beauty.	18 inches.	1.40	12.00

DICENTRA

		Per 10	Per 100
EXIMA (Fern Leaved Bleeding Heart.)	Rose colored flowers produced all summer. 12 inches.	\$ 2.10	\$ 18.00
SPECTABILIS (Old Fashioned Bleeding Heart.)	Graceful heart-shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants.	4.50	40.00
EUPATORIUM COELESTINUM.	A pretty hardy plant with light purple-blue flowers similar to the Ageratum. In flower from August until frost. 12-24 inches. Good cut flower.	1.80	15.00

EUPHORBIA.

★Polychroma.	Its unusual combination of flowers and foliage, afterwards its beautifully colored seeds, does not escape anyone's attention. It make a beautiful formal plant, growing about 1 ft. high, forming a hemispherical clump covered with lemon-yellow, rose shaped, flowers in May and June.	1.80	15.00
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FERNS, Hardy Outdoor (RG).		1.40	12.00
Goldie's Wood. (Aspidium).	Evergreen Variety. 2 ft.	1.40	12.00
Interrupted (Osmunda Claytoniana.)	Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.		
Maiden Hair (Spleenwort Asplenium Tricomanis).	Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.		
Ostrich Plume (Onoclea Struthiopteris).	Very graceful with finely cut pinnules. 2 to 3 ft.		

GAILLARDIA, Blanket Flower (RG)

Burgundy.	Shining deep wine red showing practically no yellow.	1.80	15.00
Dazzler.	Large golden yellow and maroon flowers on strong wiry stems, 14 to 18 inches in length.	1.40	12.00

GYPSOPHILA, Baby's Breath.

★Bristol Fairy.	Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.	4.00	35.00
Paniculata Compacta.	Pinkish white. July. 2 ft.	1.20	10.00
★Rosy Veil.	Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.	2.10	18.00
Snow White Double.	Pure white double strain, 2 ft.	1.80	15.00

PERENNIALS—Continued

HEMEROCALLIS

Two species of Hemerocallis have been widely known to nurserymen for generations. Flava, the Lemon Lily; and Fulva Europa. In recent years progress has been made in hybridizing, so that today we can offer a collection of Hemerocallis which will bloom from Spring to Fall with a variation of colors. Their hardiness and attractive foliage make it possible to use them effectively in locations unsuited to the other perennials.

We are growing the following varieties which we can recommend as superior for general planting.

	Per 10	Per 100
August Pioneer. Profuse bloomer, one of the late blooming Multiflora hybrids flowering from mid-August to mid-September. Miniature flowers of chrome-orange with the outer half of the petals flushed red. Very valuable for its late season of bloom. 42 inches.	\$ 1.80	\$ 15.00
Fulva. Deep red at the center, fading out to a lighter shade towards the edge, with a cream line running through the center of each petal. July. 54 inches.	1.80	-----
High Boy. Large, pale yellow flowers on tall graceful stems. August. 5 feet.	1.80	15.00
Mikado. Rich orange with a large spot of mahogany red in each petal. 5 inches in diameter. Striking and unusual. Usually blooms a second time. The outstanding charm of this remarkable Day Lily is due to the bold color contrasts and perfection of form. Flowers during June and July. 3 feet.	1.80	15.00
Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.	2.10	18.00
Rajah. 48 inches. A gorgeous new introduction by Dr. Stout in a brilliant flame scarlet, with a vivid triangular throat area of Brazil red. Large beautifully shaped brilliantly colored flowers of perfect form; very freely produced. July-August.	1.40	12.00

HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.

2 year dormant stock.----- 6.00 50.00

IRIS

Iris Kaempferi

Per 10	Per 100
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Mixed Colors

Both single and double varieties. Splendid mixture of the choicest Japanese varieties.----- \$ 1.80 \$ 15.00

Iris Pumila

These little Iris are among the very first flowers to herald the Spring. They are at home in almost any type of soil, blend with any foliage or other spring flowers. The combination makes them superb in the garden. They are also being forced, a quite interesting subject.

	Per 10	Per 100
Betsy Presby. Deep bright yellow, perfect form and heavy waxy texture. 5 inch.	\$ 1.20	\$ 10.00
Cyanea. Reddish purple with an orange beard. 6 inch.	1.20	10.00
Huron Imp. Richest blue purple standards and velvety blue black falls. Superb. 6 inch.	1.40	12.00
Negus. Deep midnight blue, looks almost black in sunlight. 8 inch.	1.20	10.00
Sapphire Night. A true blue purple, extra fine for bouquets. 12 inch.	1.20	10.00
The Bride. White, free flowering.	1.40	12.00

PERENNIALS—Continued

IRIS—Continued

Iris Vesper

		Per 10	Per 100
Dichotomah (August or Vesper Iris.) Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors.		\$ 1.40	\$ 12.00

LATHYRUS LATIFOLIUS, Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors. Crimson King. Rose Queen. White Queen.

1.40 12.00

★**LIATRIS, Blazing Star or Gay Feather.**

Elegans. A beautiful and distinct species. Each individual blossom is large and starry, pure lavender with white centers, long curved stamens giving airy effect.

1.40 12.00

Scariosa Avalon Purple. Blazing feathers—torches of great tassel — blossoms in pulsating purple violet. Splendid late blooming species.

1.40 12.00

Scariosa September Glory. A giant 5 foot spike solidly covered with purple flowers from top to bottom. The flowers unlike the common variety, come into bloom all at the same time. Late flowering. September.

2.10 18.00

Spicata. Long, dense columns of fluffy purple. Particularly good species, either for the mixed, hardy border, or for cutting.

1.40 12.00

LINUM, Hardy Flax.

Flavum. A golden yellow flower. May to July. 12 inches. ---

1.40 12.00

Perenne Alba. White variety. ---

1.20 10.00

Perenne Blue. An attractive, bushy plant with pretty pale blue flowers during June and July.

1.20 10.00

LYCHNIS, Champion (RG)

Chalcedonica (Maltese Cross), vivid scarlet flowers. 36 inches. ---

1.40 12.00

LYTHRUM

★**Prolific.** An established plant will produce 20 or more upright flower spikes about 30 inches tall. The flowers are best described as Persian-rose, clearer in color than the other varieties. They are excellent for cutting. The plant thrives well in wet soil.

2.10 18.00

★**The Beacon.** A very showy variety, has neat long-lasting spikes of large clear, deep-carmine flowers, followed with side spikes almost to the ground. Interesting foliage, blooms from July till frost. 2 feet.

2.10 18.00

★**Rosalie.** The lovely flowers are a captivating art shade of rose pink. The graceful flowers are closely set on 2 foot spikes, flowering down to the ground. Interesting foliage, blooms from July till frost. 2 feet.

2.10 18.00

OENOTHERA, Evening Primrose (RG)

Makes continuous display of color in rock garden.

Missouriensis. Lovely yellow solitary flowers often 4 in. across Low grower, with prostrate ascending branches, profuse bloomer. June to August. 10 in.

1.40 12.00

PACHYSANDRA TERMINALIS

Ground covering plant, averaging 6-8 inches in height and branching freely into a dense mat. Practically evergreen. Splendid for steep slopes in the shade and for dense shade under any kind of tree. Well established 2 year, 3 inch pot plants.

2.10 18.00

PERENNIALS—Continued

PENTSTEMON, Beard Tongue, Hardy. Per 10 Per 100

★**Pink Beauty.** Color is a lovely clean shell-pink. A charming cut flower; one of the outstanding new and good plants. Flower spikes 30 in. ----- \$ 2.40 \$ 18.00

Rose Elf. An outstanding new hardy Pentstemon of the Barbatum type, produces masses of blooms on 2 or 3 feet stems. The color is a lovely coral pink. Blooms in June and July... 2.90 25.00

PHLOX

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants. Shipment can be made any time after the 15th of October. Per 10 Per 100

Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 in. ----- \$ 1.80 \$ 15.00

Antoinette Six. This pure white Phlox has unusually large heads, ideal for a huge mass effect. ----- 1.80 15.00

Apple Blossom. One of the loveliest of all the pastel shades. Soft apple-blossom pink, 2-1/2 inch florets. 2 1/2-3 feet tall.----- 1.80 15.00

Caroline Vandenberg. Large clear lavender blue clusters with big florets. ----- 2.10 18.00

Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.----- 1.80 15.00

Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 1 1/2 inches across. 3 1/2 feet.----- 1.80 15.00

E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.----- 1.80 15.00

Eva Forester. (Also Known as Salmon Beauty.) Giant bright salmon rose flowers with light centers. 10 inches tall.----- 1.80 15.00

Flash. New large, rosy-red, one of the best. ----- 2.10 18.00

Hauptman Koehl. Dark blood-red. Very large. ----- 2.10 18.00

July Lights. Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye.----- 2.10 18.00

Leo Schalageter. Brilliant scarlet with orange cast. 36 inch. ----- 1.80 15.00

Mary Louise. Pure snow white heads; individual florets are 2 inches. Very fragrant, prolific bloomer.----- 1.80 15.00

Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.----- 2.10 18.00

Prime Minister. Extra large florets of clean white with violet eye the best of the bi-colored whites.----- 1.80 15.00

Purple Heart. The individual flowers are large and are carried in good size trusses. The color is a brilliant live shade of deep blue purple intensified by a darker center given sparkle by the dainty cream colored anthers.----- 2.10 18.00

Rosy Blue. Soft lavender-blue with delicate pink undertones. Never a sign of objectionable purple or violet tinting. The florets are large and grow in fine big clusters.----- 2.10 18.00

Ruby Lee. Extra large plum-red flowers. Medium height. ----- 2.10 18.00

San Antonio. Carmine shaded plumed, the heads and individual flowers are very large. ----- 2.10 18.00

Starlight. Rich violet, with an almost perfectly shaped white star in the center.----- 1.80 15.00

White Admiral. A lovely new white variety with huge trusses of bloom, medium height.----- 2.10 18.00

World Peace. Pure white. Strong, vigorous grower. Free blooming. Early.----- 2.40 20.00

PERENNIALS—Continued

PHLOX—Continued

PHLOX SUBULATA, Moss or Mountain Pinks

An early spring flowering type with pretty mosslike, evergreen foliage, which during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, are invaluable for carpeting the ground.

Per 10 Per 100

Alba. Pure white flowers completely covering the neat compact plant in May; a lovely thing for the rock garden.----- \$ 1.40 \$ 12.00

Atropurpurea. The same habit of growth as the well known Phlox Subulata Rosea. The flowers are deep carmine-red making a most brilliant display.----- 1.40 12.00

★Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.----- 2.10 18.00

★Blue Hills. Of uniform compact growth, with showy pale blue flowers freely produced in spring and again in fall.----- 1.80 15.00

Pink Emerald Cushion. A close compact foliage. Extremely floriferous, it has the longest blooming season in the family. Florets of unusual size, color a pure, unbleached pink.----- 2.10 18.00

Rosea. Rose-pink. Fine for covering banks, thrives in hot, dry situations, and blooms profusely.----- 1.40 12.00

PLATYCODON, Balloon Flower (RG)

Grandiflora Rosea. Lovely new tall growing variety with pure rose-pink flowers.----- 1.80 15.00

Mariesi Blue. A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.----- 1.40 12.00

Mariesi White. White flowered form of the above.----- 1.40 12.00

PLUMBAGO.

Larpentae. One of the most desirable border and rock plants. It is a dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during last summer and fall.----- 2.10 18.00

ORIENTAL POPPIES

These named varieties of Oriental Poppies are grown from crowns. They have been transplanted, insuring a heavy plant with good root system. We recommend August and early September planting, although they can be planted later. We expect to dig in August when dormant and hold in cold storage for late orders.

Per 10 Per 100

BETTY ANN—Beautiful crinkled flower of La France pink. No spots. Profuse bloomer.----- \$ 3.50 \$ 30.00

CERISE BEAUTY—Profuse bloomer, medium sized flowers and height. Flowers are a deep rose with glittering blackish-purple blotches. 32 inches.----- 3.50 30.00

COLONEL BOWLES—Scarlet red, immense flowers. 26 inches.----- 2.40 20.00

CURTIS SALMON PINK—A rugged grower; 3 foot stems and 8-inch blooms of the most pleasing salmon-pink, showing more pink than salmon. This, while not the biggest of the Giants is without doubt one of the best.----- 3.50 30.00

FIELD MARSHALL VON-DER-GLOTZ—Extra large. One of the pleasing new whites, black blotch. Always in demand. 32 inches.----- 4.00 35.00

FLASHY GLOW—Yellow with an orange cast, clearer than most others of this type. Blooms late mid-season. 30 inches.----- 2.90 25.00

GLOWING ROSE—Large brilliant, glowing rose-pink.----- 4.00 35.00

GOLD OF OPHIR—A poppy of medium height, about 24 to 28 inches. The flowers are golden orange.----- 2.40 20.00

HENRY CAYEAU IMPROVED—The big blooms are a peculiar tint of ashes of roses or an old rose shaded burgundy. If grown in light shade this flower really comes to perfection.----- 2.40 20.00

PERENNIALS—Continued

ORIENTAL POPPIES—Continued

Per 10 Per 100

HERCULES —Immense flower, often 9 inches across, of true scarlet, borne on extra tall and sturdy stem. A leader in its color class. 42 inches.	\$ 2.40	\$ 20.00
JOYCE —Spectrum red or may be described as cherry-red in color. Flowers are of medium size borne on tall, perfectly straight stems. 48 inches.	2.90	25.00
MANDARIN —Grenadine red. A rich, real Chinese red without base spots in established plants. Prolific, cup shaped blooms to 10 inches across on stems 26 inches tall.	2.90	25.00
MARY JANE MILLER —The last of Dr. Neeley's introductions and named in honor of his mother. The flower is of large size, an intense shade of geranium-pink and is carried on tall stiff stems. It is an early prolific bloomer and outstanding in every respect.	3.50	30.00
NANCY —Deep crimson flowers on long stems, with glossy black blotches at the base of each petal. 28 inches.	2.90	25.00
RED FLAME —Flowers of medium size, on strong, straight stems. 32 inches. Lacquer red in color. Good foliage.	2.90	25.00
SASS PINK —No doubt one of the finest and largest pink poppies. The immense blooms are of fine crepy texture and of a lovely light delicate flesh-pink shade with a gray-mauve center.	2.90	25.00
SPRING MORN —A very fine clear flesh pink, without a blotch except an occasional trace of deeper color in the center. As delightful as a morning in the spring. Medium to large blooms on strong stems of medium height.	4.00	35.00
WARLORD —Finest deep crimson. Very tall.	4.00	35.00
WELCOME —Shiny Nopal red, very large flowers on heavy stems with good dark green foliage. 40 inches.	2.90	—
WUNDERKIND —Considered the finest cerise-colored poppy, true begonia-rose. Strong grower with very large flowers on 33 to 35 inch stems.	4.00	35.00
SEDDUM, Stone Crop or Live Forever (RG) America's Greatest Rock Plant. Thick glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.	1.80	15.00
Oppositifolium. Bright green foliage with rose bloom. July. 4 in.	1.80	15.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.	1.80	15.00
Stoloniferum. Purplish pink. July and August. 6 inches.	1.80	15.00
STATICE, Great Sea Lavender (RG) August		
Caspia. Large flowered lilac, dwarf dumosa, giant, dense flower heads of silvery-gray latifolia blue.	1.80	15.00
Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in.	1.80	15.00
STOKESIA, Cornflower Aster.		
Blue Danube. New, a very free blooming variety with large lavender blue flowers during early summer months. Compact, bushy growth with many blooms. 18 inches high.	2.40	20.00
★Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five or six inches in diameter. 12 to 18 in. tall.	2.10	18.00
TEUCRIUM Chamaedrys. Newly popular perennial hedge. Shiny, glossy, evergreen leaves resembling a dwarf Boxwood. Used as an edging for beds or in your formal garden. Can be clipped to suit and height up to 12 inches.	2.10	18.00

PERENNIALS—Continued

		Per 10	Per 100
TRITOMA, Kniphofia, Red Hot Poker (RG)	This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
★Gold Mine. Soft amber tinted gold is the color of this fine hybrid. The flower spikes are 30 in., 10 or more on one plant. Blooms from July to Sept. Its stateliness and coppery color effect makes it outstanding in the garden.		\$ 2.40	\$ 20.00
Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 feet high. Must be grown from divisions. August to October.		1.70	14.00
★Primrose Beauty. The spotless primrose-yellow spikes are unique for their grace as well as their delightful color. The spikes are 30 inches tall, lending an unusual charm to the border. June-July.		2.40	20.00
★VERBASUM PINK DOMINO	The upright rugged and picturesque branching flower spikes reach a height of 3 feet or more. They are in bloom from June until September. The color is a soft rose-pink with delicate buff undertone.	1.80	15.00
VERBENA ROSE.	Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter.	1.40	12.00
VERONICA, Speedwell (RG)			
★Crater Lake Blue. Long airy spikes like the blue spires of fairy-land. A sure touch of cool blue for the border. Plants grow 20 inches tall, do well in either full sun or partial shade.		2.10	18.00
VINCA MINOR			
Alba. A rare white flowered form. Excellent for ground cover.		1.80	15.00
Bowles Variety. An excellent ground-cover plant with dark green glossy leaves and blue flowers.		2.10	18.00
Rubra Fl. Pl. A very strong growing type, carrying a heavy setting of foliage. The double and semi-double flowers are a striking mahogany red.		2.40	20.00
VIOLA, ODORATA, Sweet Violet (RG)			
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.		1.40	12.00
★Royal Robe. This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring.		1.80	15.00
YUCCA FILAMENTOSA	Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July.		
1 year seedlings.		1.40	12.00
2 year transplants, heavy.		2.80	25.00

OLD FASHIONED KITCHEN HERBS

		Per 10	Per 100
Chives, Wild Onion. Finely chopped leaves give a delicious flavor to salads.		\$ 1.20	\$ 10.00
Horseradish. A condiment used in seasoning meats.			
3 inch cuttings.		.40	3.50
Crowns.		.70	6.50
Sage, Old Fashioned. Used for seasoning sausages and dressing.		1.20	10.00

SPRING BULBS

CANNAS

Per 100 Per 1000

Our Cannas are all strong 3 to 5 eye divisions, properly matured and cured so as to give you the best possible results... \$ 8.00 \$ 75.00

PINK FLOWERS WITH GREEN FOLIAGE

★City of Portland. Large blooms in good sized clusters, medium rose-pink, strong stems well above the green foliage. One of the best pinks. In recent years some growers seem to be confused and are shipping Hungaria for City of Portland.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of pink cannas.

Louise. Tall deep pink flower. Large green foliage.

RED FLOWERS WITH GREEN FOLIAGE.

Firebird. 4 ft. Green foliage. A deep red bloomer. So firm are glistening petals that they do not wilt in the brightest sun.

The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.

YELLOW FLOWERS WITH GREEN FOLIAGE.

Florence Vaughan. Medium. Flowers yellow with red spots on petals, and red throat. Green foliage.

Richard Wallace. Fine yellow variety. Large canary yellow flowers 4 to 5 inches in diameter. Green foliage. Medium height, 3 to 4 feet.

Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.

BRONZE FOLIAGE VARIETIES.

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over-bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Wyoming. 5 ft. Purple foliage. True-orchid flowering variety with magnificent orange colored flowers.

★Varieties Prices \$9.00 per 100; \$85.00 per 1000.

NEWER IMPROVED VARIETIES

Per 100 Per 1000
\$ 18.00 \$ -----

Brilliant. Rich, scarlet red. ----- \$ 18.00 -----
Mohawk. Rich crimson, bronze crimson foliage. 18.00 -----



BOXING CHARGES

30x30x14	\$8.50	24x24x14	\$7.50	20x20x8	\$4.50
30x30x12	8.00	24x24x12	7.00	20x20x7	3.75
30x30x10	7.00	24x24x10	6.00	20x20x6	3.50
30x30x8	6.00	24x24x8	5.50	20x20x5	3.25
30x30x7	5.25	24x24x7	4.75	20x20x4	3.00
30x30x6	5.00	24x24x6	4.50		
30x30x5	4.50	24x24x4	3.50	16x16x12	4.50
30x30x4	3.50	20x30x10	5.50	16x16x10	4.25
				16x16x8	4.00
24x30x12	7.00	20x20x12	5.50	16x16x6	3.50
24x30x10	6.50	20x20x10	5.00	16x16x5	3.00

CORRUGATED BOXES

No. 6 — 48x20x20	\$1.25	No. 8 — 36x16x20	\$.85
No. 11 — 32x15x15	.50	No. 42 — 78x20x20	2.75



LILIES

Our production of Hardy Lilies has been increased considerably in the last few years. Most of our Lilies are grown here at Shenandoah. Sizes specified indicate circumference of bulb. All of our bulbs are flowering size.

Please note the specified delivery dates on various varieties.

	Per 10	Per 100
ELEGANS ATROPURPUREUM. Deep red shaded crimson, large flowers. Splendid for bedding. Height 12 to 15 inches. Blooms in June. Plant 4 to 5 inches deep. Available after Nov. 1. 5 to 7 inches.....	\$ 2.10	\$ 18.00
ESTATE. Large, fragrant pure white flowers. Blooms mid-summer. Medium height. Available after Nov. 1. 6 to 7 inches.....	3.00	25.00
HENRYII. (The Golden Speciosum). Flowers Golden Yellow, 5 to 6 inches tall. Blooms in Aug. and Sept. Plant 8 to 10 inches deep. Available after Nov. 1. 6 to 8 inches.....	2.40	20.00
REGALE. Our Regale Lilies are an improved type grown by seed selection, extra large white flowers suffused pink with creamy yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available after Oct. 15. 5 to 6 inches..... 6 to 8 inches.....	1.10 1.50	9.00 12.00
SPECIOSUM RUBRUM. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep. Available after Nov. 15. 6 to 8 inches.....	2.90	25.00
TENUIFOLIUM. (Coral Lily.) Bright Cherry Red blossoms. Some times called the gayest of red Lilies. Height 12 to 24 inches. Blooms in June. Plant 4 to 5 inches deep. Available after Oct. 15. No. 1 flowering size..... No. 2 flowering size.....	1.00 .70	8.00 6.00
TIGRINUM SPLENDENS FLORIBUNDA. (Double Tiger Lily.) This is about the only Double Lily in existence. One of the easiest to grow. Most free blooming of any Lily in existence. Is very hardy. Should be in every garden. Height 3 to 5 feet. Blooming in Oct. and Sept. Plant 5 to 6 inches deep. Available after Oct. 15. 4 to 5 inches..... 5 to 6 inches..... 6 to 8 inches.....	.90 1.10 1.50	7.00 9.00 12.00

MISCELLANEOUS BULBS

CALADIUM (Elephant Ear)

	Per 10	Per 100
Esculentum. 7 to 9 inches	\$ 1.80	\$ 15.00

TUBEROSES (RG), Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August.

No. 1 size80	7.50
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Certified Quality BULBS

IN DECORATIVE BOXES

Size of Glad Box—10" x 3" x 2"

Size of Other Boxes—9" x 4½" x 2½"

Picture and Label in 6 lovely colors on attractive Box in 3 colors.

DAHLIAS

3 Tubers per Box

PRICE — \$65.00 per 100 BoxesEach Tuber is wrapped in waxed tissue
and labeled.

No. 700 AVALON — canary yellow
JERSEY BEAUTY—clear pink
CRIMSON KING—rich red

No. 701 JANE COWL—coppery yellow
GALLANT FOX—scarlet
WHITE KING—white

No. 702 ROSE GLORY—orchid pink
SULTAN OF HILLCREST—
yellow
RED BEAUTY—dark red

No. 703 RUBY TAYLOR—carmine red
PINK LADY—rich pink
GOLDEN GODDESS—yellow

No. 704 FAIRY—vivid pink Pom Pon
CATHERINE—yellow Pom Pon
BOBBY—rich red Pom Pon

CASE No. AD—\$32.50 per Case.

50 Boxes assorted varieties.

OTHER BULBS

Per 100 Boxes	3 Bulbs per Box
\$45.00	745 Regal Lily
30.00	754 Tuberose
40.00	748 Double Tiger Lily
55.00	747 Red Devil Lily
60.00	751 Henryi Lily
90.00	749 Rubrum Lily

GLADIOLUS

10 No. 1 Bulbs per Box

PRICE — \$50.00 per 100 Boxes

No. 715 MIXED COLORS

No. 716 RED DRAGON—dark red

No. 717 RED PHIPPS—bright red

No. 718 GOLDEN CHIMES—yellow

No. 719 WINGS OF SONG—pink

No. 720 MINUET—lavender

No. 721 WHITE GOLD—creamy white

CASE No. AG — \$25.00 per Case

50 Boxes Assorted Varieties

CANNAS

3 Roots per Box

PRICE — \$35.00 per 100 Boxes

No. 735 PRESIDENT CANNA—red

No. 736 KING HUMBERT—red

No. 737 CITY OF PORTLAND—pink

No. 738 RICHARD WALLACE—yellow

No. 739 APRICOT QUEEN—apricot

No. 740 MME. CROZY—red & yellow

CASE No. AC — \$17.50 per Case

50 Boxes Assorted Varieties

HOW TO ORDER

Order each Group in multiples of 50 Boxes—i.e., 50 Boxes of Dahlias, 50 Boxes of Gladiolus, 50 Boxes of Lilies, etc. Individual numbers should be ordered in multiples of 10—i.e., 10 No. 700, or 20 No. 702, etc. For an assortment of the best selling numbers in Dahlias, Cannas, or Glads, order the Assorted Cases offered above. May be shipped Rail or Truck Freight after danger of freezing in transit is past; but, Express shipment is recommended.

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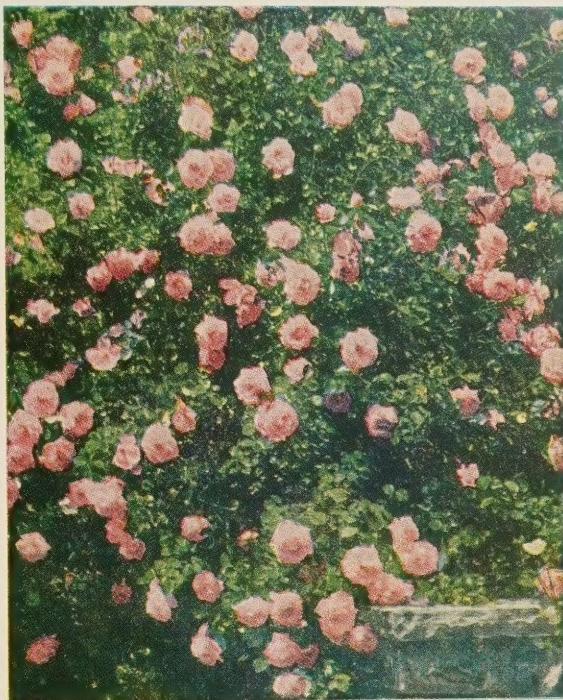
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Euonymus	31-32-45	Oak	12-21	Vines	43-46		
Euphorbia	88	Osage Orange	12	Viola	94		
Evergreens	47-52	W		Walnut Black	13		
				Weigela	42		
				Willow	25-39		
				Wisteria	46		
				Y			
				Yucca	94		

Hardy Climbers

Many of our Hardy Climbers are on their own roots. Best for selling north of St. Louis.



PRIMROSE *Hardy Climber*



NEW DAWN *Hardy Everblooming Climber*

Western Grown Under Irrigation



DR. J. H. NICOLAS *Plant Pat. No. 457*
Hardy Everblooming Climber



BLAZE *Hardy Everblooming Climber*

America's Finest Roses

are Western Grown under irrigation by Mount Arbor. All the best selling varieties liberally graded, and attractively packaged for maximum sales appeal.

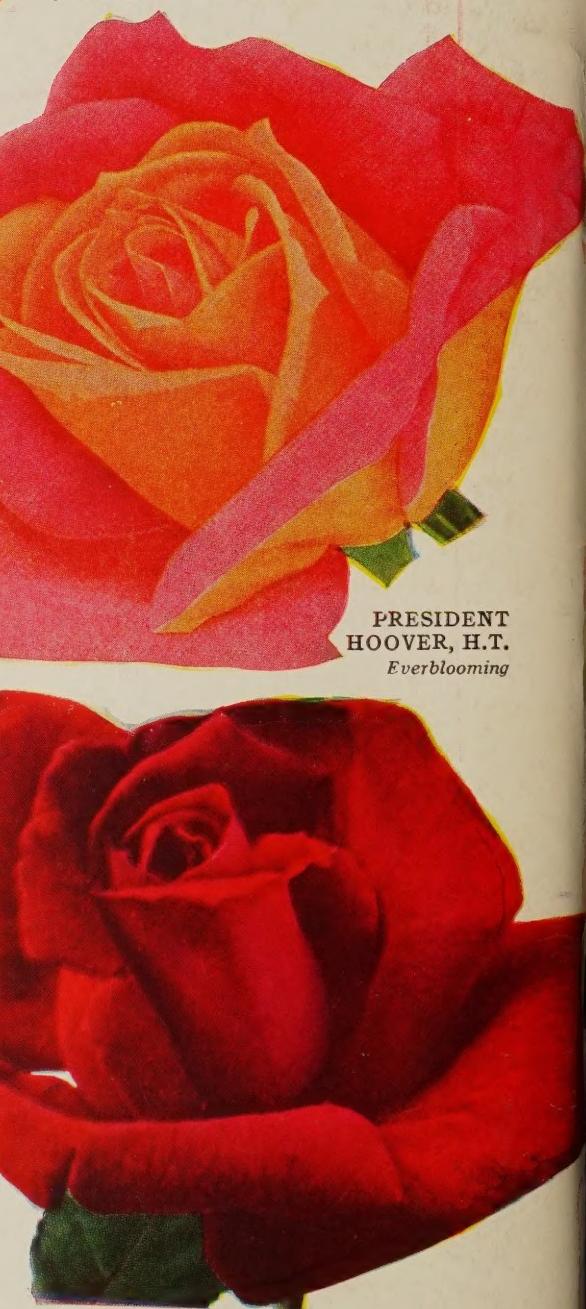
AMERICAN BEAUTY, H.T.
Everblooming

GOLDEN RAPTURE, H.T.

Everblooming

CRIMSON GLORY, H.T.
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